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September 30, 2010

File: 183810338.206.000

Mr. William Ulibarri

VA Hospital Puget Sound Health Care System 1660 South Columbian Way Seattle, Washington 98108

Reference: Assessment Report - Asbestos and Lead Based Paint

B100

VA Puget Sound Medical Center 1660 South Columbian Way Seattle, Washington 98108

Dear Mr. Ulibarri:

Stantec Consulting Corporation (Stantec) appreciates the opportunity to provide you with the following limited asbestos and lead based paint survey. A project walk-through was performed at the Site referenced above on November 18, 2009, and the survey was performed on November 19 and 20, 2009. The purpose of this survey was to determine the presence of asbestos-containing materials (ACMs) and lead based paint (LBP) that would require special handling and/or disposal in accordance with applicable federal, state, and local regulations. It was mutually agreed upon that the scope of our services would be limited to accessible material only. This was done to minimize disruption to the occupied building(s). Assessment of concealed locations (wall cavities, attics, etc.) was not performed as a part of this preliminary survey. It was agreed that assessment of those locations will be performed after the buildings have been vacated. The survey findings and recommendations are provided below.

BACKGROUND

Stantec understands that the referenced site is scheduled for renovation that will include the seismic retrofitting of the nursing tower and nursing home care unit (portion of Building 100). The renovation work will involve the installation of seismic bracing throughout perimeter walls of the structure. The Nursing Tower is eight stories in height with interstitial floors located above each occupied floor. The total square footage is reported to be 180,000 gross square feet (gsf). The Nursing Home Care Unit (NHCU) occupies a single floor and consists of 38,000 gsf. Both of these structures were constructed circa 1985.

Each structure/building listed above was visually inspected for suspect ACMs and suspect LBP. The primary focus of the LBP survey was to collect bulk samples of paint observed to be in poor condition (peeling, loose, and/or flaking), which will require stabilization prior to demolition and/or disposal. Additional bulk paint chip samples of intact paint were also collected in an effort to better evaluate the potential for contamination upon commencement of the demolition/renovation project.

Mr. Dean Mochrie, Senior Project Manager with Stantec performed and/or managed the survey. Mr. Mochrie is accredited through the Environmental Protection Agency (EPA) as an asbestos Building Inspector and the State of Washington, Department of Commerce (DOC), as a Lead-Based Paint Risk Assessor (#6082). Ms. Danielle Manning and Ms. Alicia Falk assisted with the

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field activities performed in November 2009. All staff members performing field activities during the course of this project are accredited through the EPA as asbestos Building Inspectors. Access to the site was provided by Mr. Ed Boogaerts with VA Puget Sound Medical Center on November 18, 19, and 20, 2009.

Prior to commencing the field activities involved in this survey, prior survey reports were reviewed as provided by the VA. A brief summary of our review of the documents provided is included below. A copy of these documents is provided in Attachment A to this survey report.

Response Letter from Department of Veterans Affairs to GTE Telephone Operations, dated July 10, 1992, prepared by Barbara Thompson, Contracting Officer (herein referred to as "Response Letter"). The subject line to Response Letter reads "Asbestos, Bldg. 100, VA Medical Center, Seattle, WA". The Response Letter was apparently prepared because of a work stoppage issued by GTE requesting designation of areas containing asbestos within the building. According to the Response Letter "...Building 100 was constructed of non-asbestos containing materials..." but lists the following exceptions/precautions:

- a. Prosthetics welding shop (room 143k) lined with non-friable transite board. Do not sand, grind or drill in this area.
- b. All counter tops in Laboratory and Histology are non-friable asbestos containing material. Do not sand, cut drill, or grind this material.
- c. Laboratory hoods contain transite. Do not sand, grind, or drill.
- d. Brake shoes in elevators contain asbestos containing material. Changing of the shoes should be accomplished using safe work practices.
- e. Floor tile throughout the medical center contains asbestos containing material. Do not sand or pulverize.

No other information regarding asbestos containing materials was included in the Response Letter.

SUSPECT ASBESTOS CONTAINING MATERIALS

Sampling and Analysis

A total of 107 bulk samples were collected and analyzed by Polarized Light Microscopy (PLM) in accordance with the EPA "Method for the Determination of Asbestos in Bulk Building Materials" (EPA/600/R93/116, July 1993). Analysis was performed by EMSL Analytical, Inc. located in San Leandro, California. This laboratory is certified by the DOC and is a participant in the National Institute of Standards and Testing (NIST), National Voluntary Laboratory Accreditation Program (NVLAP). The laboratory is also accredited by the American Industrial Hygiene Association (AIHA). Please note, worker exposure to materials containing asbestos during construction related activities is regulated by the United States Department of Labor, Occupational Safety and Health Administration (OSHA) regulation [29 CFR 1926.1101] and the Washington State Department Labor Industries (WSDLI), [Washington Administrative Code (WAC) 296-62 (Asbestos in Construction Standard)]. The Federal OSHA and the WSDLI regulations provide guidance regarding worker protection during construction, renovation, or demolition activities. A summary of the laboratory analytical results is included in the table below. Laboratory analytical results are included in Attachment B and bulk sample logs are included in Attachment C.

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Assessment Report - Asbestos and Lead Based Paint Reference:

B100 (Nursing Tower and NHCU) VA Puget Sound Medical Center

Findings

The tables below provide a summary of the accessible suspect materials identified and sampled during this survey.

Sample No.	Homogeneous Material	nple Analytical Result Location of Material	Asbestos Content	Condition	Estimated Quantity	OSHA Definition	EPA Category
B100-01A, B100-01B, B100-01C, B100-01D, B100-01E, B100-01F, B100-01G	Fireproofing, white/gray	Throughout building	ND	Good	100,000 SF	NA	NA
B100-02A, B100-02B, B100-02C, B100-02D, B100-02E, B100-02F, B100-02G	Gypsum board	Throughout building	ND	Good	200,000 SF	NA	NA
B100-03A, B100-03B, B100-03C, B100-03D, B100-03E, B100-03F, B100-03G	Joint compound	Throughout building	ND	Good	75,000 SF	NA	NA
B100-04A, B100-04B, B100-04C	Duct insulation tape	Throughout building	ND	Good	10,000 LF	NA	NA
B100-05A, B100-05B, B100-05C	Thermal system insulation, mudded elbows	Throughout building	ND	Good	3,000 SF	NA	NA
B100-06A B100-06B, B100-06C, B100-06D, B100-06E, B100-06F, B100-06G	Vinyl floor tile, beige	Throughout building	<1% Chrysotile	Good	100,000 SF	АСМ	Cat I
B100-07A, B100-07B, B100-07C, B100-07D, B100-07E, B100-07F, B100-07G	Vinyl floor tile mastic, black	Throughout building	5% Chrysotile	Good	100,000 SF	АСМ	Cat I
B100-08A, B100-08B, B100-08C, B100-08D, B100-08E, B100-08F, B100-08G	Cove base adhesive, brown	Throughout building	ND	Good	80,000 LF	NA	NA
B100-09A, B100-09B, B100-09C, B100-09D, B100-09E, B100-09F, B100-09G	Light duty concrete	Interstitial floors throughout building	ND	Good	80,000 SF	NA	NA

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Reference: Assessment Report - Asbestos and Lead Based Paint

B100 (Nursing Tower and NHCU)VA Puget Sound Medical Center

Table 1 – Asbestos Bulk Sample Analytical Results – Building 100 (Nursing Tower – continued)

Sample No.	Homogeneous Material	Location of Material	Asbestos Content	Condition	Estimated Quantity	OSHA Definition	EPA Category
B100-10A, B100-10B, B100-10C	Fireproofing, white, patches	Throughout building	ND	Good	5,000 SF	NA	NA
B100-11A, B100-11B, B100-11C	Fire stop caulking, white	Throughout building	ND	Good	3,000 SF	NA	NA
B100-12A, B100-12B, B100-12C, B100-12D, B100-12E, B100-12F, B100-12G	Ceiling tile, 2' x 2', white with dots and fissures	Throughout building	ND	Good	100,00 SF	NA	NA
B100-13A, B100-13B	Carpet glue, yellow	Offices throughout floors 1 through 7	ND	Good	5,000 SF	NA	NA
B100-14A, B100-14B, B100-14C	Plaster, white	Throughout stairwells	ND	Good	30,000 SF	NA	NA
B100-15A, B100-15B, B100-15C	Seismic joint cover, black	Throughout building	ND	Good	80,000 SF	NA	NA

Table 2 – Asbestos Bulk Sample Analytical Results – B100 (Nursing Home Care Unit)

Sample No.	Homogeneous Material	Location of Material	Asbestos Content	Condition	Estimated Quantity	OSHA Definitio n	EPA Category
NHCU-01A, NHCU-01B, NHCU-01C	Fireproofing, white	Throughout basement and floor 1	ND	Good	10,000 SF	NA	NA
NHCU-02A, NHCU-02B, NHCU-02C, NHCU-02D, NHCU-02E	Gypsum Board	Throughout basement and floor 1	ND	Good	25,000 SF	NA	NA
NHCU-03A, NHCU-03B, NHCU-03C, NHCU-03D, NHCU-03E	Joint compound	Throughout basement and floor 1	ND	Good	5,000 SF	NA	NA
NHCU-04A, NHCU-04B, NHCU-04C	Duct insulation tape	Throughout basement and floor 1	ND	Good	5,000 LF	NA	NA
NHCU-05A, NHCU-05B, NHCU-05C	Ceiling tile, 2' x 2', white with dots and fissures	Throughout floor 1	ND	Good	30,000 SF	NA	NA
NHCU-06A NHCU-06B, NHCU-06C	Cove base adhesive, brown	Throughout floor 1	ND	Good	5,000 LF	NA	NA
NHCU-07A, NHCU-07B, NHCU-07C	Vinyl floor tile, beige	Throughout floor 1	<1% Chrysotile	Good	30,000 SF	АСМ	Cat I

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Table 2 – Asbestos Bulk Sample Analytical Results – B100 (Nursing Home Care Unit - continued

Sample No.	Homogeneous Material	Location of Material	Asbestos Content	Condition	Estimated Quantity	OSHA Definitio n	EPA Category
NHCU-08A, NHCU-08B, NHCU-08C	Vinyl floor tile mastic, black	Throughout floor 1	5% Chrysotile	Good	30,000 SF	АСМ	Cat I
NHCU-09A, NHCU-09B, NHCU-09C	Carpet glue, yellow	Men's locker room lounge	ND	Good	100 SF	NA	NA

Materials in **Bold** are identified as being positive for asbestos

ND = Non-detect SF = Square Feet

LF = Linear Feet

NA = Not Applicable ACM = Asbestos-Containing Material

Cat I = Category I Non-friable, ACM

The EPA and OSHA define an ACM as any material that contains more than one percent asbestos (>1%). The EPA further categorizes ACM as:

- Category I nonfriable ACM asbestos containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than one percent asbestos as determined using the PLM method.
- Category II nonfriable ACM any material, excluding Category I nonfriable ACM, containing
 more than 1 percent asbestos as determined using the PLM method that, when dry, cannot
 be crumbled, pulverized, or reduced to powder by hand pressure.
- Regulated asbestos-containing material (RACM) (a) Friable asbestos material, (b)
 Category I nonfriable ACM that has become friable, (c) Category I nonfriable ACM that will
 be or has been subjected to sanding, grinding, cutting, or abrading, or (d) Category II
 nonfriable ACM that has a high probability of becoming or has become crumbled,
 pulverized, or reduced to powder by the forces expected to act on the material in the course
 of demolition or renovation operations regulated by this subpart.

The areas of impact within B100 are generally limited to the perimeter walls of the Nursing Tower and Nursing Home Care Unit. At the time of the completion of this assessment report, it was not known if the asbestos containing material identified below was going to be removed as a part of the abatement project. It is our understanding that the floors where renovation work is to be performed will not be occupied by VA staff. If the ACMs are to be removed as a part of the renovation project then each floor of B100 will be affected by asbestos abatement activities. The ACMs should be removed under appropriate abatement protocols. The specific areas of impact are illustrated on the architectural sheets AS 1.1.1 through AS 1.13.2 prepared by Stantec Architecture. The following ACMs were identified in B100:

- The beige 12" x 12" vinyl floor located in Building 100 has been determined to be a Category I, non-friable ACM for the purpose of NESHAP permitting (40CFR Part 61 Subpart M). Approximately 100,000 SF of this material was observed throughout the building. This material should be removed under Class 2 abatement procedures in accordance with OSHA standards for asbestos in Constructions (29CFR1926.1101).
- The black mastic associated with the asbestos-containing beige 12" x 12" vinyl floor tile in Building 100 has been determined to be a Category I, non-friable ACM for the purpose of NESHAP permitting (40CFR Part 61 Subpart M). Approximately 100,000 SF of this material

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was observed throughout the building. This material should be removed under Class 2 abatement procedures in accordance with OSHA standards for asbestos in Constructions (29CFR1926.1101).

- The beige 12" x 12" vinyl floor located in the Nursing Home Care Unit has been determined to be a Category I, non-friable ACM for the purpose of NESHAP permitting (40CFR Part 61 Subpart M). Approximately 30,000 SF of this material was observed throughout the building. This material should be removed under Class 2 abatement procedures in accordance with OSHA standards for asbestos in Constructions (29CFR1926.1101).
- The black mastic associated with the beige 12" x 12" vinyl floor tile in the Nursing Home Care Unit Building has been determined to be a Category I, non-friable ACM for the purpose of NESHAP permitting (40CFR Part 61 Subpart M). Approximately 30,000 SF of this material was observed throughout the building. This material should be removed under Class 2 abatement procedures in accordance with OSHA standards for asbestos in Constructions (29CFR1926.1101).

Asbestos is a hazardous substance. Its condition, handling and disposal are regulated by federal, state, and local agencies. Materials that contain asbestos generally do not pose a health threat unless the asbestos fibers are disturbed by renovation, construction or demolition, and may then become airborne and inhaled. Employees and contractors working in an area where asbestos is present must be informed of the type and location of the material.

The WSDLI require employers to implement specific work practices, which protect workers from airborne asbestos exposure, when materials are found to contain detectable concentrations of asbestos. Building materials, which contain even low levels of asbestos (trace amounts), can potentially generate concentrations of airborne asbestos fibers when disturbed. Therefore, control measures should be instituted which adequately address worker health and safety during planned renovation or demolition activities involving these materials.

Removal of ACMs must be performed by a WSDLI-licensed asbestos abatement contractor. All asbestos removal activities must be conducted in accordance with state and federal Occupational Safety and Health Administration (WSDL&I and OSHA) and local air quality management regulations.

SUSPECT LEAD BASED PAINTS

Sampling and Analysis

Seven (7) bulk paint-chip samples were collected from various locations throughout Building 100 and the Nursing Home Care Unit. The samples were submitted to EMSL Analytical, Inc. in Westmont, New Jersey for analysis by Flame Atomic Absorption Spectrometry following the EPA SW 846-3050B analytical protocol. This laboratory is accredited by the American Industrial Hygiene Association (AIHA Lab ID 100194) under the Environmental Lead Laboratory Accreditation Program (ELLAP) for bulk paint chip analysis. Please note, worker exposure to materials containing lead during construction related activities is regulated by the OSHA regulation [29 CFR 1926.62(a)] and the WSDLI, [Washington Administrative Code (WAC) 296-155-176 (Lead in Construction Standard)]. The Federal OSHA and the WSDLI regulations require worker protection during construction "where lead containing coatings or paint are present". The laboratory analytical results of the

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materials sampled during the field investigation are included in Attachment A and bulk sample logs are included in Attachment B.

Findings

The tables below provide a summary of the paint identified and sampled during this survey.

Table 3 – Lead Paint Analytical Results – Building 100 (Nursing Tower)

Sample Number	Sample Number Sample Location		Material	Paint Condition	Quantity	Lead Content
B100-01	Beam, penthouse	Red	Metal	Intact	Throughout	45% (450,000 ppm)
B100-02	Wall, Elevator lobby	Tan	Gypsum board	Intact	Throughout	<0.011% (<110 ppm)
B100-03	Wall, Room 5C- 123	Light blue	Metal/Gypsum board	Intact	Throughout	0.013% (130 ppm)
B100-04	Stair, Floor 5, west stairwell	Peach	Metal	Intact	Throughout west stairwell	<0.011% (<110 ppm)
B100-06	Wall, Room 1B- 156	Purple	Metal/Gypsum board	Intact	Throughout	<0.010% (<100 ppm)
B100-05*	Room 1B-151C	Beige	Ceramic tile	Intact	500 SF	<40 mg/Kg

^{* -} Glazed ceramic tile ppm = parts per million mg/Kg = milligrams per kilogram

Table 4 – Lead Paint Analytical Results – (B100) Nursing Home Care Unit

Sample Number	ample Number Sample Location Paint Color Material		Material	Paint Condition	Quantity	Lead Content
NHCU-01	Wall, Room 116	Tan	Gypsum board	Intact	Throughout	<0.010% (<100 ppm)

ppm = parts per million

The EPA and DOC define a LBP as a material containing greater than 0.5% [5,000 parts per million or milligrams per kilogram (ppm or mg/kg)] lead. Additionally, worker exposure to materials containing lead during construction work is regulated by the Federal OSHA [29 CFR 1926.62(a)] and the WSDLI [(WAC) 296-155-176]. The Federal OSHA and the WSDLI regulations require worker protection during construction "...applies to all construction work where an employee may be occupationally exposed to lead".

The paint on the metal panel support beam located in the penthouse of Building 100 meets the definition of a LBP. It is expected that these metal support beams are located throughout B100. Additionally, the light blue paint on the walls throughout the building contains a concentration of lead that would require compliance with applicable portions of the Federal OSHA 29 CFR 1926.62 and the WSDLI WAC 296-155-176 (Lead in Construction Standards). If either of these materials are going to be affected by the renovation project, compliance with applicable portions of the Federal OSHA 29 CFR 1926.62 and the WSDLI WAC 296-155-176 (Lead in Construction Standards) would be required. The amount of lead in the remainder of the paint samples analyzed was either at or below the analytical method detection indicating a minimal risk of exposure.

Lead is a hazardous substance. Its condition, handling and disposal are regulated by federal, state, and local agencies. Lead in paint generally does not pose a health threat unless the material is disturbed or sufficiently deteriorated to produce dust, which may become airborne and inhaled or

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ingested. Contractors working in the facility should be informed of the type and location of lead-containing materials. Applicable worker protection regulations may apply depending on the work being performed.

RECOMMENDATIONS

It is recommended that asbestos-containing materials be removed by a licensed abatement contractor prior to renovation, refurbishing, or demolition activities in accordance with applicable federal, state, and local regulations as well as any project specifications that may be generated as a part of the project. If the entire area of asbestos containing material is not affected by renovation, refurbishing, or demolition activities, spot abatement of the material could be completed. This would entail only abating the affected areas. Asbestos abatement work should be performed in accordance with WSDLI WAC 296-62 (Asbestos in Construction Standard).

Washington State law requires LBP in poor condition be stabilized prior to demolition and disposal. None of the painted surfaces were observed to be in poor condition; however, construction activities may render a painted material to become poor. It is recommended that the LBP in poor condition, be stabilized prior to renovation, refurbishing, or demolition activities. Paint stabilization and/or abatement should be performed by a State of Washington, Licensed Contractor who maintains DOC trained and certified lead workers and supervisors. Additionally, the work should be performed in accordance with the OSHA 29 CFR 1926.62 (Lead – Safety and Health Regulations for Construction) and the WSDLI WAC 296-155-176 (Lead in Construction Standards).

It is recommended that a third party consultant, independent from the contractor, be retained to monitor abatement/demolition activities and provide final remediation clearance testing as appropriate during the demolition of the site structures.

LIMITATIONS

Reasonable efforts have been made by Stantec personnel to locate, sample, and/or identify suspect hazardous materials. Only unoccupied rooms were accessible to the field inspector during the course of this survey limiting the ability to assess all accessible materials. Based on the site observations, it is the opinion of the field inspectors that the materials collected represent the interior of the building assessed. However, for any facility the existence of unique or concealed materials and debris is a possibility. Additionally, it was mutually agreed upon that the scope of our services would be limited to interior accessible material only. This was done to minimize disruption to the occupied building(s) as well as reduce the possibility from water intrusion through exterior In addition, sampling and laboratory analysis constraints typically hinder the investigation. Stantec does not warrant, guarantee or profess to have the ability to locate or identify all hazardous materials in a facility. Additionally, Stantec cannot warrant the effectiveness or damage thereof, at any of the patches or temporary repairs performed at sampling locations (carpet, drywall, roof, etc.). The intent of this report is to be used in planning for this renovation project only and is based on the scope of work provided to Stantec by the client. Should the scope of the renovation project change, Stantec recommends that an additional investigation, including but not limited to, a review of the revised scope of work, be performed to determine if hazardous materials will be impacted. This report is not intended to be a bidding document. Quantities of materials identified are estimates only and would need to be verified. Stantec attempted to access all interior areas of the structure; however, if during the course of the renovation project suspect ACMs or LBPs are discovered that are not included within this report, those materials should be treated as ACMs or, LBPs until additional sampling, analysis and/or assessment can be performed.

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The passage of time may result in a change in the environmental characteristics at this site. This report does not warrant against future operations or conditions that could affect the recommendations made. The results, findings, conclusions and recommendations expressed in this report are based only on conditions that were observed during Stantec's inspection of the site and test results provided by EMSL Analytical, Inc. These observations are time dependent, are subject to changing site conditions, and revisions to federal, state, and local regulations. Reliance on this letter report by Third Parties shall be at the Third Party's sole risk.

If you have any questions regarding this report or require further clarification, please do not hesitate to contact the Stantec personnel identified below.

Respectfully submitted,

Danielle Manning, Project Scientist

EPA Accredited Inspector

Tel: (916) 861-0400 Fax: (916) 861-0430

danielle.manning@stantec.com

anielle Manny

Dean Mochrie, WA DOC #6082

Senior Project Manager EPA Accredited Inspector

EPA Accredited Management Planner

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dean.mochrie@stantec.com

Attachment: A – Prior Reports

B - Laboratory Analytical Results

C - Bulk Sample Logs

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Reference: Assessment Report - Asbestos and Lead Based Paint

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ATTACHMENT A PRIOR REPORTS

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Reference: Assessment Report - Asbestos and Lead Based Paint

B100 (Nursing Tower and NHCU) VA Puget Sound Medical Center

ATTACHMENT B LABORATORY ANALYTICAL RESULTS

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Reference: Assessment Report - Asbestos and Lead Based Paint

B100 (Nursing Tower and NHCU) VA Puget Sound Medical Center

ATTACHMENT C BULK SAMPLE LOGS

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Reference: Assessment Report - Asbestos and Lead Based Paint

B100 (Nursing Tower and NHCU)
VA Puget Sound Medical Center

ATTACHMENT A PRIOR REPORTS



DEPARTMENT OF VETERANS AFFAIRS

Medical Center 1660 South Columbian Way Seattle WA 98108

July 10, 1992

Ms. Libby Matthaeus GTE Telephone Operations 1629 220th St. S.E. Bothell. WA 98021-8466

In Reply Refer To: 663/90C

Dear Ms. Matthaeus:

Subject: Asbestos, Bldg. 100, VA Medical Center, Seattle, WA

This letter is provided in response to your faxed notification of a work stoppage in Building 100 and your request for information designating areas containing asbestos. The asbestos assessment conducted at this Medical Center and discussed at the meeting with the Washington Department of Labor and Industries, GTE and Dial earlier this week, does not address Building 100 which was built in a post-asbestos era. Please consider this letter your official notification regarding asbestos in Building 100 only. With the following exceptions, Building 100 was constructed of non-asbestos containing materials. Precautions for working in these areas are as follows:

- a. Prosthetics welding shop (room 143K) lined with non-friable transite board. Do not sand, grind or drill in this area.
- b. All counter tops in Laboratory and Histology are non-friable asbestos containing material. Do not sand, cut, drill, or grind this material.
- c. Laboratory hoods contain transite. Do not sand, grind or drill.
- d. Brake shoes in elevators contain asbestos containing material. Changing of the shoes should be accomplished using safe work practices.
- e. Floor tile throughout the medical center contains asbestos containing material. Do not sand or pulverize.

We recognize GTE's concerns and those of their subcontractor, Dial, in regard to the matter of exposure to asbestos and asbestos containing materials. I trust this letter will adequately address your asbestos related concerns for Building 100. Information on asbestos in other areas of the Medical Center is being compiled per our conversations this week, and should be available sometime next week.

It is the opinion of the Contracting Officer that there is no viable reason for GTE not to resume work in Building 100

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immediately. If you do not resume work in Bldg. 100 on July 13, 1992, this Medical Center will consider initiating default action.

Sincerely,

Concur with Technical Comments

Barbara Thompson Contracting Officer

Lee Eastwood Safety Officer

cc: 138 L

IRM

Don Roth (487-4917 fax)

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ATTACHMENT B LABORATORY ANALYTICAL RESULTS



2235 Polvorosa Ave , Suite 230, San Leandro, CA 94577

Fax: (510) 895-3680 Email: milpitaslab@emsl.com

Attn: Danielle Manning

Stantec Consulting Corporation

3017 Kilgore Road

Suite 100

Fax:

Project:

Rancho Cordova, CA 95670

(916) 861-0430

183810338 Task #206.000 Seattle VA, Puget Sound, 1660 S. Columbian Way, Seattle, WA 98108

Phone: (916) 861-0400

EMSL Proj:

Customer ID:

Received:

Customer PO:

EMSL Order:

Analysis Date:

11/29/2009

SECI62

183810338

090909596

11/25/09 9:00 AM

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

				Non-Asb	<u>estos</u>	<u>Asbestos</u>	
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type	
B100-01A Fireproofing 090909596-0001	Penthouse, N. side, adj. room exit door	Gray/White Fibrous Homogeneous		Cellulose Glass	50% Non-fibrous (other)	None Detected	
B100-01B Fireproofing 090909596-0002	Int. Fl. 6, west tower, east side	Gray/White Fibrous Homogeneous		Cellulose Glass	50% Non-fibrous (other)	None Detected	
B100-01C Fireproofing 090909596-0003	Int. Fl 5, E. tower, east side	Gray/White Fibrous Homogeneous		Cellulose Glass	50% Non-fibrous (other)	None Detected	
B100-01D Fireproofing 090909596-0004	Int. Fl. 5, W. tower, E. side	Gray/White Fibrous Homogeneous		Cellulose Glass	50% Non-fibrous (other)	None Detected	
B100-01E Fireproofing 090909596-0005	Int. Fl. 3, E. tower, N. side	Gray/White Fibrous Homogeneous		Cellulose Glass	50% Non-fibrous (other)	None Detected	
B100-01F Fireproofing 090909596-0006	Int. Fl. 2, W. tower, east side	Gray/White Fibrous Homogeneous	40% 10%	Cellulose Glass	50% Non-fibrous (other)	None Detected	

Report Amended: 11/30/2009 10:23:24 AM Replaces the Inital Report . Reason Code: Data Entry-Change to Appearance

Analyst(s)

Adam C. Fink (55) Grant Mays (21)

Baojia Ke, Laboratory Manager or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.



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183810338 Task #206.000 Seattle VA, Puget Sound, 1660 S. Columbian Way, Seattle, WA 98108

Customer ID:

SECI62

Customer PO:

183810338 11/25/09 9:00 AM

Received: EMSL Order:

090909596

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EMSL Proj: Analysis Date:

11/29/2009

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			<u>estos</u>	<u>Asbestos</u>		
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
B100-01G Fireproofing 090909596-0007	Int. Fl. 1, E. tower, NEC	Gray/White Fibrous Homogeneous		Cellulose Glass	50% Non-fibrous (other)	None Detected
B100-02A Gypsum Board 090909596-0008	Penthouse NEC of west tower	White Non-Fibrous Homogeneous	10%	Cellulose	90% Non-fibrous (other)	None Detected
B100-02B Gypsum Board 090909596-0009	Floor 6, west tower	White Non-Fibrous Homogeneous	10%	Cellulose	90% Non-fibrous (other)	None Detected
B100-02C Gypsum Board 090909596-0010	Int. Fl. 5, E. tower, NWC	White Non-Fibrous Homogeneous	10%	Cellulose	90% Non-fibrous (other)	None Detected
B100-02D Gypsum Board 090909596-0011	Int. Fl. 5, W. tower, east side	White Non-Fibrous Homogeneous	10%	Cellulose	90% Non-fibrous (other)	None Detected
B100-02E Gypsum Board 090909596-0012	Int. Fl. 3, E. tower, N. side	White Non-Fibrous Homogeneous	10%	Cellulose	90% Non-fibrous (other)	None Detected

Report Amended: 11/30/2009 10:23:24 AM Replaces the Inital Report . Reason Code: Data Entry-Change to Appearance

Analyst(s)

Adam C. Fink (55) Grant Mays (21) Baojia Ke, Laboratory Manager or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.



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				<u>bestos</u>	<u>Asbestos</u>	
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
B100-02F Gypsum Board 090909596-0013	Int. Fl. 2, W. tower, E. side	White Non-Fibrous Homogeneous	10%	Cellulose	90% Non-fibrous (other)	None Detected
B100-02G Gypsum Board 090909596-0014	Int. Fl. 1, E. tower, NE side	White Non-Fibrous Homogeneous	10%	Cellulose	90% Non-fibrous (other)	None Detected
B100-03A Joint Compound 090909596-0015	Penthouse NEC of west tower	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B100-03B Joint Compound 090909596-0016	Int. Fl. 6, west tower, east side	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B100-03C Joint Compound 090909596-0017	Int. Fl. 5, east tower, NWC	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B100-03D Joint Compound 090909596-0018	Int. Fl. 5, W. tower, N. side	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected

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			<u>bestos</u>	<u>Asbestos</u>		
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
B100-03E Joint Compound 090909596-0019	Int. Fl. 3, E. tower, N. side	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B100-03F Joint Compound 090909596-0020	Int. Fl. 2, W. tower, E. side	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B100-03G Joint Compound 090909596-0021	Int. Fl. 1, E. tower, NE side	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B100-04A Duct Insulation Tape 090909596-0022	Penthouse, west tower, N. side	White Non-Fibrous Homogeneous	10%	Cellulose	90% Non-fibrous (other)	None Detected
B100-04B Duct Insulation Tape 090909596-0023	Basement Mechanical Room	White Non-Fibrous Homogeneous	10%	Cellulose	90% Non-fibrous (other)	None Detected
B100-04C Duct Insulation Tape 090909596-0024	Basement Mechanical Room	White Non-Fibrous Homogeneous	10%	Cellulose	90% Non-fibrous (other)	None Detected

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			<u>pestos</u>	<u>Asbestos</u>		
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
B100-05A TSI Elbows 090909596-0025	Int. Fl. 6, west tower, east side	White Fibrous Homogeneous		Cellulose Glass	70% Non-fibrous (other)	None Detected
B100-05B TSI Elbows 090909596-0026	Int. Fl. 5, E. tower, NE side	White Fibrous Homogeneous		Cellulose Glass	70% Non-fibrous (other)	None Detected
B100-05C TSI Elbows 090909596-0027	Int. Fl. 3, E. tower, N. side	White Fibrous Homogeneous		Cellulose Glass	70% Non-fibrous (other)	None Detected
B100-06A Vinyl Floor Tile 090909596-0028	F. 7, east tower, seismic joint	Beige Non-Fibrous Homogeneous			100% Non-fibrous (other)	<1% Chrysotile
B100-06B Vinyl Floor Tile 090909596-0029	Fl. 6B, west tower, Room 127	Beige Non-Fibrous Homogeneous			100% Non-fibrous (other)	<1% Chrysotile
B100-06C Vinyl Floor Tile 090909596-0030	Fl. 5, east tower, Room 119	Beige Non-Fibrous Homogeneous			100% Non-fibrous (other)	<1% Chrysotile

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				Non-As	<u>bestos</u>	<u>Asbestos</u>	
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type	
B100-06D Vinyl Floor Tile 090909596-0031	Fl. 3, west tower, Room 124	Beige Non-Fibrous			100% Non-fibrous (other)	<1% Chrysotile	
	Homogeneous						
B100-06E Vinyl Fl. 2, W. tower, Room 2B-105	FI. 2, W. tower, Room 2B-105	Beige Non-Fibrous			100% Non-fibrous (other)	<1% Chrysotile	
00000000000000		Homogeneous					
B100-06F Vinyl Floor Tile 090909596-0033	Fl. 1 1B-503	Beige Non-Fibrous			100% Non-fibrous (other)	<1% Chrysotile	
090903090-0035		Homogeneous					
B100-06G Vinyl Floor Tile	Base BB-120	Beige Non-Fibrous			100% Non-fibrous (other)	<1% Chrysotile	
090909596-0034		Homogeneous					
B100-07A VFT Mastic	Fl. 6B, west tower, Room 127	Black Non-Fibrous			95% Non-fibrous (other)	5% Chrysotile	
090909596-0035		Homogeneous					
B100-07B VFT	Fl. 5, east tower,	Black			95% Non-fibrous (other)	5% Chrysotile	
Mastic 090909596-0036	Room 119	Non-Fibrous					
		Homogeneous					

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			<u>bestos</u>	<u>Asbestos</u>		
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
B100-07C VFT Mastic 090909596-0037	Fl. 3, west tower, Room 124	Black Non-Fibrous Homogeneous			95% Non-fibrous (other)	5% Chrysotile
B100-07D VFT Mastic 090909596-0038	Fl. 3, east stairwell	Black Non-Fibrous Homogeneous			95% Non-fibrous (other)	5% Chrysotile
B100-07E VFT Mastic 090909596-0039	Fl. 1, 1B-503	Black Non-Fibrous Homogeneous			95% Non-fibrous (other)	5% Chrysotile
B100-07F VFT Mastic 090909596-0040	Basement BB-120	Black Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B100-07G VFT Mastic 090909596-0041	Basement corr. CB-7	Black Non-Fibrous Homogeneous			95% Non-fibrous (other)	5% Chrysotile
B100-08A Cove Base Adhesive 090909596-0042	Fl. 6, west tower, Room 127	Brown Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected

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			<u>Asbestos</u>		
Sample	Description	Appearance	% Fibro	ous % Non-Fibrous	% Type
B100-08B Cove Base Adhesive 090909596-0043	Fl. 5, east tower, Room 123	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
B100-08C Cove Base Adhesive 090909596-0044	Fl. 3, west tower, Room 124	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
B100-08D Cove Base Adhesive 090909596-0045	Fl. 2, W. tower, near 2B-502	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
B100-08E Cove Base Adhesive 090909596-0046	East tower, 1B-503	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
B100-08F Cove Base Adhesive 090909596-0047	Basement corr. CB-7	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
B100-08G Cove Base Adhesive 090909596-0048	Basement corr. CB-7	Brown Non-Fibrous		100% Non-fibrous (other)	None Detected
		Homogeneous			

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			<u>bestos</u>	<u>Asbestos</u>						
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type				
B100-09A Light Duty Concrete 090909596-0049	Duty Concrete	Duty Concrete	Duty Concrete	Int. Fl. 6, west tower, east side		White, Tan Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B100-09B Light Duty Concrete 090909596-0050	Int. Fl. 5, east tower NWC	White, Tan Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected				
B100-09C Light Duty Concrete 090909596-0051	Int. Fl. 5, W. tower, east side	White, Tan Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected				
B100-09D Light Duty Concrete 090909596-0052	Int. Fl. 3, E. tower, N. side	White, Tan Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected				
B100-09E Light Duty Concrete 090909596-0053	Int. Fl. 2, W. tower, E. side	White, Tan Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected				
B100-09F Light Duty Concrete 090909596-0054	Int. Fl. 2, W. tower, E. side	White, Tan Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected				

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				Non-Ask	<u>pestos</u>	<u>Asbestos</u>
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
B100-09G Light Duty Concrete 090909596-0055	Int. Fl. 2, E. tower, NE side	White, Tan Non-Fibrous			100% Non-fibrous (other)	None Detected
		Homogeneous				
B100-10A- Fireproofing 090909596-0056	Penthouse N. side, adj. roof exit door	White Fibrous	15% 2%		83% Non-fibrous (other)	None Detected
		Homogeneous				
B100-10B- Fireproofing 090909596-0057	Int. Fl. 6, west tower, east side	White Fibrous	15% 2%	Cellulose Glass	83% Non-fibrous (other)	None Detected
-		Homogeneous				
B100-10C- Fireproofing 090909596-0058	Int. Fl. 2, W. tower, N. side	White Fibrous Homogeneous	15% 2%	Cellulose Glass	83% Non-fibrous (other)	None Detected
B100-11A-Caulking	West tower, Int. Fl. 6, east side	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B100-11B-Caulking	Int. Fl. 5, east tower, NE side	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected

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			<u>pestos</u>	<u>Asbestos</u>		
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
B100-11C-Caulking	Int. Fl. 5, west tower, E. side	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B100-12A-Acoustic Ceiling Tile 090909596-0062	Fl. 6, west tower, Room 127	White Fibrous Homogeneous		Cellulose Glass	20% Non-fibrous (other)	None Detected
B100-12B-Acoustic Ceiling Tile 090909596-0063	Fl. 5, east tower, Room 123	White Fibrous Homogeneous	40% 40%	Cellulose Glass	20% Non-fibrous (other)	None Detected
B100-12C-Acoustic Ceiling Tile 090909596-0064	Fl. 3, west tower, Room 124	White Fibrous Homogeneous	40% 40%	Cellulose Glass	20% Non-fibrous (other)	None Detected
B100-12D-Acoustic Ceiling Tile 090909596-0065	Fl. 2, W. tower near 2C-502	White Fibrous Homogeneous		Cellulose Glass	20% Non-fibrous (other)	None Detected
B100-12E-Acoustic Ceiling Tile 090909596-0066	Room 1B-156	White Fibrous Homogeneous		Cellulose Glass	20% Non-fibrous (other)	None Detected

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Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.



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Attn: Danielle Manning

Stantec Consulting Corporation

3017 Kilgore Road

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Rancho Cordova, CA 95670

(916) 861-0430 Fax:

Project:

Phone: (916) 861-0400

183810338 Task #206.000 Seattle VA, Puget Sound, 1660

S. Columbian Way, Seattle, WA 98108

Customer ID: Customer PO: SECI62 183810338

Received:

11/25/09 9:00 AM

EMSL Order:

090909596

EMSL Proj: Analysis Date:

11/29/2009

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

			<u>Asbestos</u>			
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
B100-12F-Acoustic Ceiling Tile 090909596-0067	Basement corr. White CB-7 Fibrous Homogeneous			Cellulose Glass	20% Non-fibrous (other)	None Detected
B100-12G-Acoustic Ceiling Tile 090909596-0068	Basement corr. CB-7	White Fibrous Homogeneous	40% 40%	Cellulose Glass	20% Non-fibrous (other)	None Detected
B100-13A-Carpet Glue 090909596-0069	Fl. 5, east tower, Room 119	Yellow Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B100-13B-Carpet Glue 090909596-0070	Fl. 3, east tower, Room 106*	Yellow Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B100-14A-Plaster 090909596-0071	3rd floor, west stairwell	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B100-14B-Plaster 090909596-0072	3rd floor, east stairwell	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected

Report Amended: 11/30/2009	10:23:24 AM Replaces	the Inital Report .	Reason Code: D	ata Entry-Change to	Appearance

Analyst(s)

Adam C. Fink (55) Grant Mays (21)

Baojia Ke, Laboratory Manager or other approved signatory

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183810338 Task #206.000 Seattle VA, Puget Sound, 1660 S. Columbian Way, Seattle, WA 98108

Phone: (916) 861-0400

EMSL Proj:

Customer ID:

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Analysis Date:

11/29/2009

SECI62

183810338

090909596

11/25/09 9:00 AM

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

				Non-As	<u>Asbestos</u>	
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
B100-14C-Plaster 090909596-0073	2nd floor, west stairwell	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B100-15A-Seismic Joint 090909596-0074	Int. Fl. 2, W. tower, east side	Black Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B100-15B-Seismic Joint 090909596-0075	Int. Fl. 3, W. tower, east side	Black Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B100-15C-Seismic Joint 090909596-0076	Int. Fl. 3, W. tower, east side	Black Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected

Report A	Amended:	11/30/2009	9 10:23:24 A	M Replaces	the Inital Report	. Reason Code	: Data Entry-0	Change to Appearance
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Analyst(s)

Adam C. Fink (55) Grant Mays (21)

Baojia Ke, Laboratory Manager or other approved signatory

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Phone: (916) 861-0400 183810338 Task #206.000 Seattle VA, Puget Sound, 1660

S. Columbian Way, Seattle, WA 98108

Customer ID: Customer PO:

Received:

SECI62

183810338 11/25/09 9:00 AM

EMSL Order:

090909603

EMSL Proj:

Analysis Date: 11/28/2009

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

			estos	<u>Asbestos</u>		
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
NHCU-01A-Fire Proofing 090909603-0001	Basement, west center	White Fibrous Heterogeneous		Cellulose Glass	75% Non-fibrous (other)	None Detected
NHCU-01B-Fire Proofing 090909603-0002	Basement, south side	White Non-Fibrous Heterogeneous	15% 10%	Cellulose Glass	75% Non-fibrous (other)	None Detected
NHCU-01C-Fire Proofing 090909603-0003	Basement, NE side	White Fibrous Heterogeneous	15% 10%	Cellulose Glass	75% Non-fibrous (other)	None Detected
NHCU-02A- Gypsum Board 090909603-0004	Basement, N. column, east side	White Fibrous Heterogeneous	10%	Cellulose	90% Non-fibrous (other)	None Detected
NHCU-02B- Gypsum Board 090909603-0005	Basement, S. column, east side	White Non-Fibrous Heterogeneous	10%	Cellulose	90% Non-fibrous (other)	None Detected
NHCU-02C- Gypsum Board 090909603-0006	Basement, N. column, center	White Fibrous Heterogeneous	10%	Cellulose	90% Non-fibrous (other)	None Detected

Jason Mcgriff (29)

Baojia Ke, Laboratory Manager or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.



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183810338 Task #206.000 Seattle VA, Puget Sound, 1660

S. Columbian Way, Seattle, WA 98108

Customer ID:

SECI62

Customer PO:

183810338

Received: EMSL Order: 11/25/09 9:00 AM

090909603

EMSL Proj:

Analysis Date:

11/28/2009

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

		Non-Asbestos			<u>oestos</u>	<u>Asbestos</u>
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
NHCU-02D- Gypsum Board 090909603-0007	Floor 1, Room 116	White Fibrous	10%	Cellulose	90% Non-fibrous (other)	None Detected
		Heterogeneous				
NHCU-02E- Gypsum Board	Floor 1, Room 124	White Fibrous	10%	Cellulose	90% Non-fibrous (other)	None Detected
090909003-0008		Heterogeneous				
NHCU-03A-Joint Compound	Basement, N. column, east side	White Non-Fibrous			100% Non-fibrous (other)	None Detected
090909603-0009		Homogeneous				
NHCU-03B-Joint Compound	Basement, S. column, east side	White			100% Non-fibrous (other)	None Detected
090909603-0010	column, east side	Non-Fibrous				
		Heterogeneous				
NHCU-03C-Joint Compound 090909603-0011	Basement, N. column, center	White Non-Fibrous			100% Non-fibrous (other)	None Detected
	,	Heterogeneous				
						None Detected
NHCU-03D-Joint Compound 090909603-0012	Floor 1, Room 116	White Non-Fibrous			100% Non-fibrous (other)	None Detected
		Heterogeneous				

A L		/ - N	
Analy	/Sti	S)

Jason Mcgriff (29)

Baojia Ke, Laboratory Manager or other approved signatory

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183810338 Task #206.000 Seattle VA, Puget Sound, 1660 S. Columbian Way, Seattle, WA 98108

Phone: (916) 861-0400

EMSL Proj: Analysis Date:

Customer ID:

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EMSL Order:

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11/28/2009

SECI62

183810338

090909603

11/25/09 9:00 AM

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

				Non-Asb	<u>estos</u>	<u>Asbestos</u>
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
NHCU-03E-Joint Compound 090909603-0013	Floor 1, Room 124	White Non-Fibrous Heterogeneous			100% Non-fibrous (other)	None Detected
NHCU-04A-Duct Insulation Tape 090909603-0014	Basement, NE side	White Fibrous Heterogeneous	80%	Cellulose	20% Non-fibrous (other)	None Detected
NHCU-04B-Duct Insulation Tape 090909603-0015	Basement, N. side	White Fibrous Heterogeneous	80%	Cellulose	20% Non-fibrous (other)	None Detected
NHCU-04C-Duct Insulation Tape 090909603-0016	Basement, S. side	White Fibrous Heterogeneous	80%	Cellulose	20% Non-fibrous (other)	None Detected
NHCU-05A- Acoustic Ceiling Tile	Floor 1, Room 116	White Fibrous Homogeneous	30% 20%	Cellulose Min. Wool	50% Non-fibrous (other)	None Detected
NHCU-05B- Acoustic Ceiling Tile 090909603-0018	Floor 1, Room 124	White Fibrous Heterogeneous	30% 20%		50% Non-fibrous (other)	None Detected

Analyst(s)	
Jason Mcgriff (29)	

Baojia Ke, Laboratory Manager or other approved signatory

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Customer PO:

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183810338

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

				Non-Asb	<u>estos</u>	<u>Asbestos</u>
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
NHCU-05C- Acoustic Ceiling Tile 090909603-0019	Floor 1, Room 139	White Fibrous Heterogeneous	30% 20%	Cellulose Min. Wool	50% Non-fibrous (other)	None Detected
NHCU-06A-Cove Base Adhesive 090909603-0020	Floor 1, Room 116	Brown Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
NHCU-06B-Cove Base Adhesive 090909603-0021	Floor 1, Room 124	Brown Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
NHCU-06C-Cove Base Adhesive 090909603-0022	Floor 1, Room 139	Brown Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
NHCU-07A-VFT 090909603-0023	Floor 1, Room 116	Beige Non-Fibrous Homogeneous			100% Non-fibrous (other)	<1% Chrysotile
NHCU-07B-VFT 090909603-0024	Floor 1, Room 124	Beige Non-Fibrous Homogeneous			100% Non-fibrous (other)	<1% Chrysotile

Analyst(s)	
Jason Mcgriff (29)	Baojia Ke, Laboratory Manager or other approved signatory

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183810338 Task #206.000 Seattle VA, Puget Sound, 1660 S. Columbian Way, Seattle, WA 98108

Phone: (916) 861-0400

EMSL Proj: Analysis Date:

Customer ID:

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Customer PO:

EMSL Order:

11/28/2009

SECI62

183810338

090909603

11/25/09 9:00 AM

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

				Non-As	sbestos	<u>Asbestos</u>
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
NHCU-07C-VFT 090909603-0025	Floor 1, Room 139	Beige Non-Fibrous Homogeneous			100% Non-fibrous (other)	<1% Chrysotile
NHCU-08A-Mastic 090909603-0026	Floor 1, Room 116	Black Non-Fibrous Homogeneous			95% Non-fibrous (other)	5% Chrysotile
NHCU-08B-Mastic 090909603-0027	Floor 1, Room 124	Black Non-Fibrous Homogeneous			95% Non-fibrous (other)	5% Chrysotile
NHCU-08C-Mastic 090909603-0028	Floor 1, Room 139	Black Non-Fibrous Homogeneous			95% Non-fibrous (other)	5% Chrysotile
NHCU-09A-Carpet Glue 090909603-0029	Floor 1, Lounge, Room 139	Yellow Non-Fibrous	10%	Cellulose	90% Non-fibrous (other)	None Detected
		Homogeneous				

Analyst(s)	135-
Jason Mcgriff (29)	Baojia Ke, Laboratory Manager or other approved signatory

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Phone: (856) 858-4800 Fax: (856) 858-9551 Email: westmontleadlab@emsl.com

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EMSL Proj:

Customer ID:

Customer PO:

EMSL Order:

Received:

SECI62

200916910

183810338206000

11/25/09 10:40 AM

Project: 183810338.206.000

Fax:

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B*/7000B)

Client Sample De	e scription Lab ID Collected	Analyzed	Lead Concentration
B100-01	0001	12/1/2009	45 % wt
	Pent house. W.tower N.side		
B100-02	0002	12/1/2009	<0.011 % wt
	Elev. Button @ S7		
B100-03	0003	12/1/2009	0.013 % wt
	NE corner of Room 5C-123		
B100-04	0004	12/1/2009	<0.011 % wt
	West stairwell Floor #5		
B100-06	0006	12/1/2009	<0.010 % wt
	NE corner near sink		
NHCU-01	0007	12/1/2009	<0.010 % wt
	West wall soiled linen room		
B20-01	0008	12/1/2009	<0.010 % wt
	South wall Rm 106		
B20-02	0009	12/1/2009	<0.010 % wt
	N Wall Rm 110		
B20-03	0010	12/1/2009	<0.010 % wt
	E.wall in the west room		
B18-01	0011	12/1/2009	0.011 % wt
	Rm 111 south wall		
B18-03	0013	12/1/2009	<0.010 % wt
	Rm 114 near Rm 114A		
B18-04	0014	12/1/2009	0.011 % wt
	SW stair well		

Shannon Kauffman, Lead Lab Supervisor or other approved signatory

Shower Kayfor

Reporting limit is 0.01 % wt. The QC data associated with these sample results included in this report meet the method quality control requirements, unless specifically indicated otherwise. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities.

* slight modifications to methods applied Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits, unless otherwise noted

Samples analyzed by EMSL Analytical, Inc. Westmont 3 Cooper St., Westmont NJ NJ-NELAP: 04653, AIHA ELLAP 100194



Phone: (856) 858-4800 Fax: (856) 858-9551 Email: westmontleadlab@emsl.com

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(916) 861-0430 Fax:

Phone: (916) 861-0400

Project: 183810338.206.000

Customer ID: SECI62

Customer PO: 183810338206000 Received: 11/25/09 10:40 AM

EMSL Order: 200916910

EMSL Proj:

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B*/7000B)

Client Sample De	escription Lab ID Collect	ed Analyzed	Lead Concentration
B24-01	0015	12/1/2009	<0.011 % wt
	South end of main cor	idor door	
B24-02	0016	12/1/2009	<0.010 % wt
	East window		
B22-01	0017	12/1/2009	0.23 % wt
	West wall of storage		
B22-02	0018	12/1/2009	<0.011 % wt
	North wall of kitchen		
COR-01	0019	12/1/2009	<0.011 % wt
	N/S corridor to east of	Bldg 20	
COR-02	0020	12/1/2009	<0.011 % wt
	E/W corridor to south	of Bldg 20	

Shannon Kauffman, Lead Lab Supervisor or other approved signatory

Shower Karffrom

Reporting limit is 0.01 % wt. The QC data associated with these sample results included in this report meet the method quality control requirements, unless specifically indicated otherwise. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities.

* slight modifications to methods applied Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits,

Samples analyzed by EMSL Analytical, Inc. Westmont 3 Cooper St., Westmont NJ NJ-NELAP: 04653, AIHA ELLAP 100194



Email: westmontleadlab@emsl.com

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EMSL Proj:

Customer ID:

Customer PO:

EMSL Order:

Received:

SECI62

200916910

183810338206000

11/25/09 10:40 AM

Project: 183810338.206.000

Fax:

Test Report: Lead by Flame AAS (SW 846, 7000B)

Client Sample Descriptio	n Lab ID	Collected Analyzed	Lead Concentration
B100-05	0005	12/2/2009	<40 mg/Kg
	Storage Rm		
B18-02	0012	12/2/2009	41 mg/Kg
	Rm 121		

Shannon Kauffman, Lead Lab Supervisor or other approved signatory

Shower Kayfor

Detection limit is 40 mg/kg. This report relates only to those items tested. Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits, unless otherwise noted

Samples analyzed by EMSL Analytical, Inc. Westmont 3 Cooper St., Westmont NJ NJ-NELAP 04653, AlHA ELLAP 100194

Stantec

September 30, 2010

Reference: Assessment Report - Asbestos and Lead Based Paint

B100 (Nursing Tower and NHCU) VA Puget Sound Medical Center

ATTACHMENT C BULK SAMPLE LOGS





Chain of Custody Asbestos Lab Services

EMSL Analytical, Inc. Suite 230 2235 Polvorosa Ave San Leandro,

CA 94577 Phone: (510) 895-3675 (888) 455-3675 Fax: (510) 895-3680

http://www.emsl.com

Please print all information legibly.

Company: Stantec Consulting Corporation Bill To: Stantec Consulting Corporation Address 1: 3017 Kilgore Road, Suite 100 Address 1: 3017 Kilgore Road, Suite 100 Address2: Address2: City, State: Rancho Cordova, CA City, State: Rancho Cordova, CA Zip/Post Code: 95670 Zip/Post Code: 95670 USA Country: Country: USA Contact Name: Danielle Manning Attn: Danielle Manning Phone: 916-384-0706 Phone: 916-384-0706 Fax: 916-861-0430 Fax: 916-861-0430 danielle.manning@stantec.com Email: Email: danielle.manning@stantec.com EMSL Rep: Andrea Norman P.O. Number: USE PROJECT # Project Name/Number: VA Puget Sound Medical Center/183810338.206.000

	MATRIX		TURNAROUND				
□ Air	□ Soil	Micro-Vac	☐ 3 Hours	□ 6 Hours	i de la composición dela composición de la composición de la composición de la composición dela composición dela composición dela composición de la composición de la composición dela composición de la composición dela c	24 Hours (1 day)	
Bulk	Drinking Water		48 Hours (2 days)	72 Hours (3 days)	96 Hours (4 days)	T 120 Hours (5 days)	
□ Wipe	□ Wastewater		☐ 144+ hours	s (6-10 days)	2		

TEM AIR, 3 hours, 6 hours, Please call ahead to schedule. There is a premium charge for 3-hour tat, please call 1-800-220-3675 for price prior to sending samples. You will be asked to sign an authorization form for this service.

PCM - Air	TEM Air	TEM WATER	
NIOSH 7400(A) Issue 2: August 1994	AHERA 40 CFR, Part 763 Subpart E	E	
□ OSHA w/TWA	□ NIOSH 7402	☐ EPA 100.2	
Other:	EPA Level II	□ NYS 198.2	
PLM - Bulk	TEM BULK	TEM Microvac	/Wipe
EPA 600/R-93/116	☐ Drop Mount (Qualitative)	☐ ASTM D 57	55-95 (quantative method)
EPA Point Count	Chatfield SOP - 1988-02	☐ Wipe Qualita	ntive
NY Stratified Point Count	TEM NOB (Gravimetric) NYS 198.4	1	
☐ PLM NOB (Gravimetric) NYS 198.	1 F EMSL Standard Addition:	XRD	
□ NIOSH 9002:		☐ Asbestos	
EMSL Standard Addition:	PLM Soil	☐ Silica NIOSH	I 7500
SEM Air or Bulk	EPA Protocol Qualitative		
☐ Qualitative	EPA Protocol Quantitative	OTHER	Received at EMSL Analytical
☐ Quantitative	EMSL MSD 9000 Method fibers/gram	Γ	San Leandro, CA (889) 455-3
			By AS CECH ZOL
			Date 11 1516 60 1:000



Tel: (916) 861-0400 Fax: (916) 861-0430 3017 Kilgore Ruau, Suite 100 Rancho Cordova, CA 95670

Seattle VA, Puget Sound

Date: 11/19/03

Site Address: 1660 S Columbian Way Site Name:

206.000

207.000

Task #:

Project #: 183810338

Seattle VA

Project Name:

Inspector: AF (DLM / DS M

Results

Lab

Seattle, WA 98108

Floor #

Material FIRE PROFINE
Type:

B100-01

#WI

MATERIAL

ì	i			1	}	<u> </u>	<u> </u>
Sample Location	PENT HOUSE N.S. IDE ADS ROOF EXIT DOOR	INT. FL 6, WEST TOWER	INT. FL. STE. TOWER	INT. FLS, W. TOWER	147. PL3 E. TOWER! N. SIDE	IMT. FLZJW. TOWER, EAST SIDE	RION-OLG INT. FLL, E. TOWOR!
Sample #	8100-01-A	Rico-col-B	Bloo-of C	Bloo-col D	8100-01 E	ROO-OI F	S 10-0018
Cond.	9						
Quantity Estimate							
Location	10 FLOORS 8, BASONGT	(PERINGAE) + WNTGESTITIAL FLUDES					
	Quantity Cond. Sample#	Quantity Cond.	Quantity Cond. Sample if Estimate 6 Bloc-ol	Quantity Cond. Sample is ample in the sample in the sampl	Quantity Cond.	Quantity Cond. Sample is ample in the sample in the sampl	Quantity Cond. Sample is ample in the sample in the sampl

HAZARD ASSESSMENT

SPRAM APPLIED

WHITE/CAM

Color:

Texture: | Royelt

Description: Checkboon & C

ON STRUCKURAL

Total Oty.:

MEPROFING CRSERED ON STRICTURE

Notes:

N _o		(A)	High
	Med	Med	Med
Ses)	Low	мо¬	No.
Friable:	Contact by Maintenance:	Vibration:	Air Movement:

°N	(F)	(A)	(Agi)
	Med	Med	Med
	Low	Low	Low
Friable:	Contact by Maintenance:	Vibration:	Air Movement:

Unum Date: 11/19/09

Relinquished By: 1

Received By:



3017 Kilgore Ruad, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Site Name:

206.00 207,006

Task #:

183810338 Seattle VA

Project #:

Project Name:

Site Address:

Seattle VA, Puget Sound

Date: (1)19/09

Inspector: AF (0 LM/05/M

Seattle, WA 98108

1660 S Columbian Way

Results

OF WEST STANFOURS PAPATIONS ESTINT FLOOR

PORT HOUSE KIEC

Sample Location

SAMPLES

INT. Pr.S. F. DWGR.

HELL FL S.W. TOWOR,

NWC

MRST SION

Lab

	MATERIAL		MATERIAL
#WH	HM# B100-02	Floor#	Location
Material Type:	Material GYPSUM BORPID Type:	<u>\$</u>	BUILDING FLOO
	TANDIDAMA - LVOL TITTE TETRE		CHAN FLOOR &
Calor:	Color: WHITE		
Texture:	SMOOTH		
Description:	WAUS		
Total Qty.: 7 0	110		

		+ 0	40		2 7	=	- 177		j				
	Sample #	B100-02-A	8100-0018	13100-02C	8(10-02 D 11	121W-02E	B100-02F	8100-02 G	Notes:	-	And the state of t	·	According to the contract of t
	Cond.	•											
SNC	Quantity Estimate	7							-		ALL AND THE PARTY OF THE PARTY		
MATERIAL LOCATIONS	Location	BUILDING FLOORS BASEMEN	CHAN FLOOD B(PH)										
	Floor #	0	1										

IMT, PLZ, W. DWB

NISIOR

INT. FL 1, E. TOWER,

The property of the state of th		WILLIAM TO THE REAL PROPERTY OF THE PERSON O
-		
THE REAL PROPERTY OF THE PROPE	The state of the s	

High

(Med

ĕ

Contact by Maintenance:

S S

Yes

Friable:

HAZARD ASSESSMENT

High

Med

(Low)

Vibration:

Med High

Low

Air Movement:

Muly Date: 1/1/9/09 Relinquished By:

Received By:



3017 Kilgore Ruad, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Seattle VA Project Name:

183810338

Project #:

206.000

201-000

Task #:

Site Name:

Seattle VA, Puget Sound

Date: 11/19/09

Inspector: AF/ DLM DSM

Seattle, WA 98108

Cond.

Quantity Estimate

Location

Floor #

HM# BID0-03

MATERIAL

MATERIAL LOCATIONS

Q

TIO BUILDING FLOORS BASCOMENT

SOINT COMPUND

Material Type:

SMOOTH

Texture:

マガドの

Color:

310007

Total Qty.:

THEN GLOBE 8(12)

Site Address: 1660 S Columbian Way

Notes:

 (P)	High	High ((High)
	(Med	Med
Yes	Low	(Moj)	Low
Friable:	Contact by Maintenance:	Vibration:	Air Movement:

	<u> </u>	1	Ĺ	L
۲	(No High		High ((Fig.)
HAZARD ASSESSMENT		E	Med	Med
	Уes	Low	(Moj)	Low
HAZARD ,	Friable:	Contact by Maintenance:	Vibration:	Air Movement:

				÷
-				
-				
Į	 			
ſ	 	1		1
		łgh	₽́	(P)

Relinquished By: - Maull Illumung Date: 11/19/09

Received By:

Page S of /



3017 Kilgore Ruau, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Seattle VA, Puget Sound

206.00

207.000

Task #:

183810338 Seattle VA

Project #:

Project Name:

cu [19/04 Date:

1660 S Columbian Way Site Address: Site Name:

Inspector: AF (BLH (BSM

Results

MECHANICAL REM

BASONONT

BASCARONT MCCOOTNICA REM

TOWOR M.S. OF PATHOUSE WAST

Lab

Sample Location

SAMPLES

Seattle, WA 98108

	MATERIAL	
#MH	B100-0018	
Material Type:	Duct Insulmon TAPE	
. Color:	WH TE	
Texture:	<u>4</u> 2	,
Description:	PAINTEO	· · · · · · · · · · · · · · · · · · ·
Total Qty.:		
		•

	Sample #	B100-04-A	B Po- collect	300-04 C	Ω	Ш	LI_	O	Notes:	Corpor	Duch	AND THE PROPERTY OF THE PROPER	WHITE MANUFACTURE OF THE PROPERTY OF THE PROPE
	Cond.	2	,										
SNC	Quantity Estimate												
MATERIAL LOCATIONS	Location	BUILDING FLOORS	BASCMGNT THRU 8					•				-	
	Floor #	<u>a</u> 7											

Confierns - FIBFICE, ASC	DUG INSUED		
		·	
		-	

High

Med

NO.

Contact by Maintenance:

(2)

Yes

Friable:

HAZARD ASSESSMENT

High

Med

Low

Air Movement:

High

Med

No√

Vibration:

Relinquished By:

Received By:



3017 Kilgore Ruad, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Seattle VA Project Name:

183810338

Project #:

206.000

207.000

Task #:

Seattle VA, Puget Sound Site Name:

Site Address: 1660 S Columbian Way

Date: 1(| (9)(0)

Inspector: AF/DLM/DSM

Lab Results

Sample Location

SAMPLES

INT, FL 3, E. TOWER M.SIDE

NOT FLS, E. Tower

tower EASTSINE

HT. Fr. D. WOST

Seattle, WA 98108

	MATERIAL		Ξ
#WH	HM# 3100-05	Floor #	*
Material Type:	Material TS/ LADVS Type:		707
		· • • • • • • • • • • • • • • • • • • •	THEN
Color:	Color: WHITE		
Texture:	45		
Description:	ELBOWS ONLY		
	HUUDDED		
Total Qty.:			
THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN T		***************************************	

		-	2.5			Ĺ	<u> </u>		1	1	1 40	1		
	Sample #	B100-05-A	8100-05-B	B100-05C	Δ	Ш	Ш	ŋ	Notes:	Suspea	185 OF 13		The state of the s	THE REAL PROPERTY OF THE PROPE
	Cond.	2)	,										
SNC	Quantity Estimate												-	
MATERIAL LOCATIONS	Location	1 10 FLOORS BASEMENT	THEN DENTIFOUSE							-				
	Floor #	3												

1SPECT TSI ON FLEGUES TOP TSI IS FIRECELASS.

Relinquished By:

Æigh /g

Med

Low

Air Movement:

A E

Med

Low

Vibration:

E P

Med

No.

Contact by Maintenance:

ş

(3)

Friable:

HAZARD ASSESSMENT

Received By:

Date:

Page S of 1/5



3017 Kilgore Roau, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Seattle VA Project Name:

200.00

Site Name: Seattle VA, Puget Sound

Date: 11 |19 | 09

Inspector: RF | DCM | DSM

Seattle, WA 98108

Site Address: 1660 S Columbian Way

207.000

Task #:

183810338

Project #:

	MATERIAL		MATERIAL LOCATION	S
#WH	10-0018 HMH	Floor#	Location	Оü
Material	Material Clob R	P.	10 A Flags 1-7, GLOPT	
Туре:	イルを		FOR KURGS'S THRIOMS	
Color:	Color: REIGE MOTTLEN			
Texture: PI#	7			
Description	12"x12"VFT			
Total Qty.:				

	Sampl	0-0019	B100 - 1	13100-C	B100-	ßα	15100- () -9018	Notes:		
	Cond.	6								-	
S	Quantity C	•						The state of the s			
CATION	σш	2,CB7	সু								
MATERIAL LOCATIONS	Location	TO A FLUXES 1-7, GLOPT	FOR HURBS'S THROWS								
	# 100	the state of the s		A STATE OF THE STA							

	SAMPLES	
Sample #	Sample Location	Lab Results
(FL 7, GAST TOWER,	
\$100-0019	6100-06 A SEISMIC TOINT	
a 7	B FL68, WESTTOWER,	
500-CP	Room 127	
(FLS, EAST TOWER	·
1200-001C	Room 119	
0 W 000	FL 3, west about	
1 90 - cold	Room 124	
SIMOLORE FLZ	FLZ W. Tower	
	Room 2 105	
KIDD OF FLI	1	
	I B- 503	
Bloo- 066 18456	S45C	
•	SB-126	
, , ,		

HAZARD ASSESSMENT

Friable:	Уes)	(<u>%</u>)
Contact by Maintenance:	Low	Med	High
Vibration:	Low	Med	High
Air Movement:	Low) Med	High

Date: ////9/09

Relinquished By:

Received By:



3017 Kilgore Rocau, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Stantec

206.00c

Site Name:

Seattle VA, Puget Sound

Date: 11/19/09

183810338 Project #:

Seattle VA

Project Name:

267.000 Task #:

1660 S Columbian Way Site Address:

Inspector: NF (DLM | DSM

Seattle, WA 98108

Results Lab BFL GB, WEST TOWER ROOM 27 Sample Location SAMPLES B100-07 A Sample #

FLS, EAST POWER,
ROOM 119
FLS WEST TOWE

B100-078

B100-07C

B100-001 D

TOSE

stery west

Room 124 FL3 East

	MATERIAL
#WH	B100-07
Material Type:	VFT MASTIC
Color:	BACK
Texture:	83
Description:	ASSOCIATED OF UNITABLED OF
Total Qty.:	

_	MATERIAL		MATERIAL LOCATIONS	SNC
#MH	HM# B100-07	Floor#	Location	Qua Estir
laterial Type:	Type:		T/10 FLOORS 1-7	
Color:	ZACK			
exture:	\frac{3}{\pi}			
ription:	ASSCIATED OF WILLIAM PRINCIP			
al Qty.:				

						ı	ł	1	1	
Cond.	0		THE PERSON NAMED IN COLUMN TO THE PE	Perrenance de la company de la			A Company of the Comp			
Quantity Estimate										
Location	T/0 FLORES 1-7									
Floor#		·								

BB-120

Dasana Corr.

B100-0018

113-503 Parement

コピ

B 100 - 01 E

3100-001E

C13-7

Notes		***************************************	***************************************
	The state of the s		
	 The state of the s		
•			

High

Med

NO.

Contact by Maintenance:

(S)

Yes

Friable:

HAZARD ASSESSMENT

Ħġ

Med

(g)

Vibration:

High

Med

1.0w

Air Movement:

Relinquished By:

$\mathbf{\omega}$	1
	ĺ



3017 Kilgore Ro_{cia}, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

206.00

207.000

Task #

183810338

Project #:

Project Name: Seattle VA

Site Name: Seattle VA, Puget Sound

Site Address: 1660 S Columbian Way

Seattle, WA 98108

Inspector: 4F | Dun DSM Date: 11(19109

	MATERIAL		1
#WH	HM# Blob-08		l —
Material Type:	COVE BASE ADMESIVE		i 1
Color.	Color: BRaw N		
Texture:	7 7	·	
Description:	7		
Total Qty.:			

HAZARD ASSESSMENT	ASSE	SSME	T.	
Friable:	Yes		2	
Contact by Maintenance:	S)	Med	High	
Vibration:	Kow	Med	High	
Air Movement:	(Low	Med	High	

	MATERIAL LOCATIONS	SNO		
	Location	Quantity Estimate	Cond.	
H	TIO FLOOR BASEMEN	5	6	6 20
H	THROUGH 7			B
				83
				2
				83
				M
				w.
			-	Z
		mandada ayan ayan ayan ayan ayan ayan aya		1

	SAMPLES	
Sample #	Sample Location	Lab Results
BID-OK-A	FLO, WBT TOWER,	
8 l∞-08 B	FLS, EAST TOWER, ROOM 123	
B100-0018	FLS, West Towar Room 124	-
18/00-00 D	15,00-COD FL2 W. TOWW	
B100-08 E	EAST TOWEN \$18-503	COLON VV.
3100 08 F	Basement Corr. CB-7	
(3100 08G	B100 086 Bassment	THE PARTY OF THE P

Votes:

Relinquished By All

Received By:



3017 Kilgore Roau, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Seattle VA Project Name:

183810338

Project #:

206.000

207 000

Task #:

Site Name:

Seattle VA, Puget Sound

Date: ((([9]0])

Inspector: AF/DLM/DSM

Seattle, WA 98108

Cond.

Quantity Estimate

OCATIONS.

Site Address: 1660 S Columbian Way

-	MATERIAL		MATERIAL L
#MH	B100-09	Floor #	Location
Material Type:	aterial LIGHT DUTY Type: CONCECTE		AL IMPERSITA
Color.	Color. WHITE (TAN)		
Texture:	Smootk		
Description:	至5		
Total Qty.:			

S					The state of the s	,
<i>\sigma</i>			ANN AND AND AND AND AND AND AND AND AND			
AL MIRESTILA FUNCES						

	SAMPLES	
Sample #	Sample Location	Lab Results
Bloo-09 A	BIDD-OJ A CMST 5,06	
8100-09 B	NT FL-S, Ems Touch	TO THE PROPERTY OF THE PROPERT
Bw-09 C	INT. FLSW. TOWERS	Total Control of the
Bloo-og D	BIOD-OG D INTER 3, E. TOWOR	
Blow-og E	BIOD-09 E KMT. FLZ, W. TOWER	**************************************
8100-09 F	8100-09 F [MT, 612, W TOWER]	
B100-09 G	Bloo-Of G HAT FLANT INTIFE	
A (+ () 4		

Notes: OX FLOOR OF INTERSTIAN FLOVES CKRY

Relinquished By Hung

High

Med)

No

Air Movement:

High

Med

Low

Contact by Maintenance:

(2)

Yes

Friable:

HAZARD ASSESSMENT

High

Med

Low

Vibration:

Received By:

Date:

Page 9 of 1/5



3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

183810338 Project Name: Seattle VA Project #:

FIREPROOFING

Material Type:

HM# 13100 - 10

MATERIAL

206.00

2007.405

Task #:

Site Name: Seattle VA, Puget Sound

Date: 11 [19 109]

Site Address: 1660 S Columbian Way

Inspector: AF | DLM | DSM

MPLES

Seattle, WA 98108

		MATERIAL LOCATIONS	SNO			SAN
	Floor #	Location	Quantity Estimate	Cond.	Sample #	Sam
		VARIOUS LOCATIONS		6	R100-10-1	PONTE FOS D
	***************************************	TO ALL FLUDES			3100-10-B 14T, F.	TAT. FI
					Bloo-10 C INT. FL	INT. FL
					Q	and the second
					44	
- Incompany					L	
					ŋ	
					,	

アをアカの

Description: TP

Total Qty.:

PONGH

Texture:

Color: | WHIE

- 1							T	
_								
	Sample #	PJ00-10-A	B-01-0015	Blac-10 C	Ω	Ш		ڻ ت
	Sample Location	PLOD-10-10 HADS ROOF BUT DOOR	B100-10-B 14T, FL 6, WEST TOWER, 1245T \$10E	Blob-10 C INT. FL 2, W. 75 WCR				
	Lab Results		AND THE PERSON NAMED IN COLUMN 18 AND TH	-	17.1			

Notes: ANDAR OF PARCHIUM

OF FREGORING ON STRUCTURA

BOMINS

養 Ę, 便 Med Med Med Low Low No Contact by Maintenance: Vibration: Air Movement:

ŝ

Zes Z

Friable:

HAZARD ASSESSMENT

Date:

Relinquished By Huull 7 / Ille uning

Received By:



3017 Kilgore Roau, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Project Name: Seattle VA

Task #:

183810338

Project #:

706.000

Seattle VA, Puget Sound Site Name:

Date: 11/19/09

Site Address: 1660 S Columbian Way 207.000

Inspector: AFIDLM IDSM

Seattle, WA 98108

	MATERIAL		MATERIAL LOCATIONS	SNC
HW#	B100-11	Floor#	Location	Qua Estir
Material Type:	Material CMUUL(いの Type:	40	TO MITTERSTITING FLOORS	
Color:	Color: 10th TC		The state of the s	
Texture:	SMOOTH			
Description:	4			
Total Qty.:				

Cond.	Ø						
Quantity Estimate							
Location	TO INTRESTITATE FLUXES						
Floor#	10						
				 	 ·······		

Notes: AT PIPE CHAPSE PENGIPATIONS THEMOH EXPSUM BURRED

Relinquished By/

High

Se Se

_ow o⊸

Air Movement:

High

Med

(8)

Contact by Maintenance:

(2)

Yes

Friable:

HAZARD ASSESSMENT

High High

Med

Vibration: Low

Received By:

Date:

Page // of //5



3017 Kilgore Rowa, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

206.000

Site Name: Seattle VA, Puget Sound

Site Address:

207.000

Task #:

183810338

Project #:

Project Name: Seattle VA

Inspector: AF (0LM (DSM Date: 11/19/05

Seattle, WA 98108

1660 S Columbian Way

	Cond.	9	,				***************************************		
SNC	Quantity Estimate	F							
MATERIAL LOCATIONS	Location	TIO FLOORS BASENTES	THRU 7						
	Floor#								

	SAMPLES	
Sample #	Sample Location	Lab Results
8100-12- A	FL 6, WEST TOWER,	
B100-12 B		
B100 - 12 C	FL3, West Tower	
Bloo- 12 D	FLZ W. Fower new althou 2C-502	
\$100-12 E	Room 18-156	
8100 - 12 F	Casemet Corr. CBM	
B100-12 G	Basament Corr CB 7	
Notes:		

ביים ביים

Relinquished By;

(E)

Med

Low

Contact by Maintenance:

2 Z

Yes

Friable:

HAZARD ASSESSMENT

High

Med

No.

Vibration;

(E)

Med

Low

Air Movement:

Date: 11/19/09

Received By:

Date:

Page 12 of 15



3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Stantec

206.000

Site Name: Seattle VA, Puget Sound

Date: 11/19/09

Inspector: AF/Dum/Dsm

1660 S Columbian Way

Site Address:

207.000

Task #:

183810338 Seattle VA

Project #:

Project Name:

Cond.

Quantity Estimate

Location

Floor #

MATERIAL

过光

#21

Grae

Material Type:

VARIOUS OFFICE

FLOORS 1-7

YELLOW

Color:

四方方

Description:

Total Qty.:

UHURG

て手

Texture:

MATERIAL LOCATIONS

Seattle, WA 98108

	Lab Results			-				- Contract	
SAMPLES	Sample Location	SIOD-13 A FLS, EAST TOWGR.	FL3, East towar Room 1064						
	Sample #	S100-13 A	3100-13B	S	O	Ш	Щ	9	

Notes:

DAPE BLUE CARPET

VFT + MASING

concerte *Red Carpet Over

High High High (2) HAZARD ASSESSMENT Med Med Med Yes No X (3) (Log Contact by Maintenance: Vibration: Friable: Air Movement:

Date: ////9/09 Relinquished By / Jawilli Hanney

Received By:



3017 Kilgore Ruad, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Inspector: AF /OLM / DSM Date: 11/19/09

Task #: 183810338 Seattle VA

Project Name:

Project #:

206.000 207.000

Site Name: Seattle VA, Puget Sound 1660 S Columbian Way Site Address:

Seattle, WA 98108

Cond.

Quantity Estimate

cocation

Floor #

HM# | Bloo - 1년

MATERIAL

Plaster

Material Type:

White

Color:

Sand

Texture:

Stair wells

MATERIAL LOCATIONS

b

	SAMPLES	
Sample #	Sample Location	Lab Results
B100-14-AA	Bloo-14-AA West Stervall	
B100-14B	East Stair wall	
B100-14 C	2FL. West well	
D		
ш		7,1111

Notes:

ш

Sterr well

Description:

Total Qty.:

Wolls "

Ö

_			
THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAM			

High High High Š HAZARD ASSESSMENT Web. Med Med Yes (O) (MO) Low Contact by Maintenance: Air Movement: Friable: Vibration:

Relinquished By:

Received By:

Date:

Page 14 of 15



3017 Kilgore Roeur, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Site Name: Seattle VA, Puget Sound

206.000 207.000

Task #:

183810338 Seattle VA

Project #:

Project Name:

Inspector: DLM/AF /ps M Date: 11/19/09

Site Address: 1660 S Columbian Way

Seattle, WA 98108

Quantity Estimate

Location

Floor #

HM# 18100 - X 15

MATERIAL

Seismic

Material Type:

toint

Seisme joints

MATERIAL LOCATIONS

	Lab Results					7,14			
SAMPLES	Sample Location	Bloo-15 A Int FC2 W. Tower	8100-15B IN PL 3 W. Tower	Blog - 15 C Int PL3 W. Town					
	Sample #	B100-15 A	B100-15B	18104 - 15 C	O	Ш	ட	ŋ	
	Cond.	5	_	-					

Notes:

RUBBOR- LILLE NATORIAL, VISIBLE

ONLY ON INTERSTRIKE READS FLOOLY

Hg. High (3) HAZARD ASSESSMENT Med Med Yes Post of the second (E) Contact by Maintenance: Friable: Vibration:

Seismie joints

COURT'S OULL

Description:

Total Qty.:

SMOOTH

Texture:

Black

Color:

High Med 3 Air Movement:

Date: /////09

Relinquished By Hunll

Received By:





Chain of Custody

Asbestos Lab Services

EMSL Analytical, Inc. Suite 230 2235 Polvorosa Ave San Leandro,

CA 94577 Phone: (510) 895-3675 (888) 455-3675 Fax: (510) 895-3680

http://www.emsl.com

Please print all information legibly.

Company:	Stantec Consulting Corporation	Bill To:	Stantec Consulting Corporation
Address1:	3017 Kilgore Road, Suite 100	Address1:	3017 Kilgore Road, Suite 100
Address2:		Address2:	
City, State:	Rancho Cordova, CA	City, State:	Rancho Cordova, CA
Zip/Post Code:	95670	Zip/Post Code:	95670
Country:	USA	Country:	USA
Contact Name:	Danielle Manning	Attn:	Danielle Manning
Phone:	916-384-0706	Phone:	916-384-0706
Fax:	916-861-0430	Fax:	916-861-0430
Email:	danielle.manning@stantec.com	Email:	danielle.manning@stantec.com
EMSL Rep:	Andrea Norman	P.O. Number:	USE PROJECT EL
Project Name/Num	ber: VA Puget Sound Medical Center		

	MATRIX	34		TURN	AROUND	
□ Air ,	☐ Soil	☐ Micro-Vac	☐ 3 Hours	□ 6 Hours		C 24 Hours (1 day)
I ♥ Bulk	Drinking Water	, P ₁ 2 2 2 2 2 2 2	48 Hours (2 days)	72 Hours (3 days)	96 Hours (4 days)	120 Hours (5 days)
┌ Wipe	☐ Wastewater		☐ 144+ hour	s (6-10 days)		

TEM AIR, 3 hours, 6 hours, Please call ahead to schedule. There is a premium charge for 3-hour tat, please call 1-800-220-3675 for price prior to sending samples. You will be asked to sign an authorization form for this service.

PCM - Air	TEM Air	TEM WATER
NIOSH 7400(A) Issue 2: August 1994	AHERA 40 CFR, Part 763 Subpart E	
□ OSHA w/TWA	□ NIOSH 7402	□ EPA 100.2
Other:	FEPA Level II	□ NYS 198.2
PLM - Bulk	TEM BULK	TEM Microvac/Wipe
EPA 600/R-93/116	Drop Mount (Qualitative)	ASTM D 5755-95 (quantative method
EPA Point Count	Chatfield SOP - 1988-02	☐ Wipe Qualitative
NY Stratified Point Count	TEM NOB (Gravimetric) NYS 198.4	1
PLM NOB (Gravimetric) NYS 198.	1 ☐ EMSL Standard Addition:	XRD
□ NIOSH 9002:		☐ Asbestos
EMSL Standard Addition:	PLM Soil	☐ Silica NIOSH 7500
SEM Air or Bulk	FPA Protocol Qualitative	
Qualitative	FPA Protocol Quantitative	OTHER
☐ Quantitative	F EMSL MSD 9000 Method fibers/gram	Received at EMSL analytic



3017 Kilgore Rocu, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Site Name: Seattle VA, Puget Sound

Site Address: 1660 S Columbian Way

Seattle, WA 98108

Date: 11/20/09

Inspector: DUM/DSM/AF

Lab Results

Sample Location

nple#

SAMPLES

Dook to

Behand

Staff Diving NE Certidor North Corner

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LL.

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Ω

Man Corndo

	Task#: 207:000	MATERIA	Floor # Locati	Mein Cerri		1		
Project Name: Seattle VA	#: 183810338	MATERIAL	10-200	おして	color: Dark Grey	Smooth	12×12	500
Project Nam	Project #:		#WH	Material Type:	Color:	Texture:	Description:	Total Qty.:

	Sample #	Co2-0)	COR-01	10-207			Notes:	A PARTY OF THE PAR		
	Cond.	h								
SNS	Quantity Estimate	500								
MATERIAL LOCATIONS		Ada Corridor								
	Floor #	_		The state of the s					7774	

		The state of the s		
The state of the s	A CANADA			

Med

Low

Contact by Maintenance:

2

Yes

Friable:

HAZARD ASSESSMENT

High

Med

(Low)

Vibration:

(Fig.)

Med

Low

Air Movement:

Relinquished By:

Date: 11/23/09 Received By:



3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Seattle VA Project Name:

Seattle VA, Puget Sound Site Name:

Site Address: 1660 S Columbian Way

Date: 11/20/09

Inspector: OCH/DSH/AF

Seattle, WA 98108

	***************************************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Projec	Project #: 183810338	Task#:	
			200.000

	MATERIAL		MATERIA
#WH	20-207	Floor#	Locatic
Material Type:	ا الح≥ملا		T/o Comid
Color:	color: Black		
Texture:	42		ALIMANAMANA MININGENERA PARAMANANA PARAMANANANA PARAMANANANA PARAMANANANA PARAMANANANA PARAMANANANA PARAMANANANA PARAMANANANA PARAMANANANANA PARAMANANANANA PARAMANANANANANANANANANANANANANANANANANAN
Description:	Beneath 41 401 #03		
Total Qty.:	1/0/11		

ن				COR-02	20-207	COR-02	COR®	Notes:					A. A
Cond.	J			THE PERSON NAMED IN COLUMN TO THE PE									
Estimate				***************************************									
Floor# Location	1 T/o Corridor												
loor#		1/6	1/0/1	1/0	1/0	7/2	1/0	1/0	1/0 1	9/1	7/1	9/F	9/F -

	Sample # Sample Location Lab	COR-02 A Behind Door to	COR-OZB NE Combor	COR-02 C North CONTIDON	COR-02 D North Cornel	COR-02 E Adjace to Exit	COR-02 F Adjount to Bldy 1	COR & G West Corridor	
--	------------------------------	-------------------------	-------------------	-------------------------	-----------------------	-------------------------	----------------------------	-----------------------	--

High

Med

Low

Contact by Maintenance:

(2)

Yes

Friable:

HAZARD ASSESSMENT

High

Med

(Low)

Vibration:

흱

Med

Cow

Air Movement:

Relinquished By:

Received By:



3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Project Name: Seattle VA

183810338 Project #:

206.000 207.000 Task #:

Site Name:

Seattle VA, Puget Sound

50/02/11 Date:

Inspector: OLM | DSM / AF

Site Address: 1660 S Columbian Way Seattle, WA 98108

Cond.

Quantity Estimate

MATERIAL LOCATIONS

D

CACATA CONTROL

Location

Floor #

COG-03

#**%**E

Material Type:

MATERIAL

Entry Bild 24

1250 ATT

Color:

Smooth

Texture:

Results Sample Location Less courder Entry Blog SAMPLES C0203 B Ö Ш Sample # 66603 CoRos

Notes:

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Aspeked pextern

Description:

Total Qty.:

G

Residual Black Maste

Do not analyze Mastic

Ę Ę High High Med Med Med

2 2 (Yes) Low Low OW ₹ N Contact by Maintenance: Friable: Air Movement: Vibration:

HAZARD ASSESSMENT

Date: 11/23/09

Relinquished By:

Received By:



3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Project Name: Seattle VA

183810338 Project #:

207.000 Task#

Site Name:

Seattle VA, Puget Sound Site Address: 1660 S Columbian Way

Seattle, WA 98108

Date: "120 109

Inspector: OLM/DSM/AP

MATERIAL	COB-04	VFT	Dark Grey	Smooth	18/×18/	001
	#WH	Material Type:	Color:	Texture;	Description:	Total Qty.:

ᆫ		L	0	$\frac{\circ}{\circ}$			Z			
	75									·
	Cond.	Q								
SNC	Quantity Estimate	001						A PARTY AND A STATE OF THE STAT		
MATERIAL LOCATIONS	Location	Entry to Corordor								
	Floor #									

	Sample #	COROYA NO	CoRoy-B Middle entry	COR ON C We	Ω	ш	L.	ŋ	
SAMPLES	Sample Location	COROYA NE corner entry	dole entry	COROY C West entry will					**************************************
	Lab Results		No. /		7 T T T T T T T T T T T T T T T T T T T		***************************************		

Votes:

Relinquished By.^k

Leis J.

Med

ΜO

Air Movement:

High

Med

C MOJ

Vibration:

(Fligh

Med

Low

Contact by Maintenance:

2

Yes

Friable:

HAZARD ASSESSMENT

) Date: 11/23/09 Received By:

Page 4



3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Seattle VA, Puget Sound

Site Name:

207.000

Task#:

183810338

Project #:

Project Name: Seattle VA

Seattle, WA 98108

Date: " | 20 109

Site Address: 1660 S Columbian Way

Inspector: Och /DSM | Mr

Resuits Lab

NE corner antry

middle entry

Sample Location

SAMPLES

West entry well

MATERIAL	20-202	141	13544	Smooth		100 SF
	#MH	Material Type:	Color.	Texture:	Description:	Total Qty.:

	Sample #	COROSA	COROS B	COROSC 1	Ω	Ш	L	ŋ	Notes:	The state of the s	THE PROPERTY OF THE PROPERTY O	ANALYSIS MANAGEMENT OF THE PROPERTY OF THE PRO
	Cond.	9										**************************************
SNC	Quantity Estimate	100 SF				979 200 1						
MATERIAL LOCATIONS	Location	Entry to Cerridos				The state of the s						
	Floor #											

F	(2)	(E)	Hgi ((Figh
SSME		Med	Med	Med
ASSE	Yes	Low	MOJ	Low
HAZARD ASSESSMENT	Friable:	Contact by Maintenance:	Vibration:	Air Movement:

Received By: Date:

Relinquished By:



3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Project Name: Seattle VA

183810338 Project #:

206.000 Task #:

Seattle VA, Puget Sound Site Name:

Site Address: 1660 S Columbian Way

Date: 11/20109

Inspector: DLM / DSM / AC

Seattle, WA 98108

_	MATERIAL
#WH	COR-06
Material Type:	Maska
Color:	Brown Brown
Texture:	<i>∀</i> \(\(\struct \) \(\(\struct \) \(\(\struct \) \
Description:	ASSOCIAL HM#05 HM#04
Total Qty.:	200

			 	4			1	 i	t		i
	Cond.	Þ									
SNC	Quantity Estimate	002			The state of the s	·					
MATERIAL LOCATIONS	Location	Entry to Corridor									
	Floor#	*****									

	Lab Results		THE RESIDENCE AND THE PROPERTY AND THE P	10000		The production -		77,000,00	
SAMPLES	Sample Location	CORDIOA Worth Comer	hiddle entry	COROLO C West well entry					
	Sample #	CORDUA	Colour B	COROL C	Ω	Ш	L	9	

Notes:

High

Med

(3)

Contact by Maintenance:

(<u>§</u>

Yes

Friable:

HAZARD ASSESSMENT

Hg.

Med

(A)

Vibration:

High

Med

Air Movement: (Low)

Relinquished By:

Date: 11/23/09

Received By:

Date:

Page 6 of 17



3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Project Name: Seattle VA

183810338 Project #:

206.000 207-000 Task #:

Seattle VA, Puget Sound Site Name:

Date: 11/20/09

Inspector: DUM / DSM / NF

Site Address: 1660 S Columbian Way Seattle, WA 98108

SAMPLES
SAM
1 (7)
L

Results Lab

Sample Location

Behind Door to Staff Dining

NE CONJON-

4

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Pot to 2 2

Corridor

	MATERIAL	
#WH	Cob -07	면
Material Type:	Cove base	
Color:	10 los	
Texture:	N/A	
Description;	4/4	
Total Qty.:	7/0	

	Sample #	COROJ-A	Conot-B	COROJ-C	Ω	Ш	LL.	ŋ	Notes:			
	Cond.	Ð										
SNC	Quantity Estimate	9/4										
MATERIAL LOCATIONS	Location	The corridor permite										
	Floor#											

튑

Med

(Low)

Contact by Maintenance:

2

Yes

Friable:

HAZARD ASSESSMENT

High

Meg

Low

Vibration:

Date: 11/23/09

High

(Low) Med

Air Movement: |

Relinquished By:

Received By:

Page



3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Site Name: Task#

Project #: 183810338

Project Name: Seattle VA

206.000 292.497

Seattle VA, Puget Sound

Inspector: Dun/DSm/AF Date: 11/20 /09

Site Address: 1660 S Columbian Way Seattle, WA 98108

MATERIAL	605-08	ACT	White Bruss		2×2	
	#WH	Material Type:	Color:	Texture:	Description:	Total Qty.:

	<u> </u>	\overline{L}	\cup	0				JZ			
					 ,	,	,		4	`	
	Cond.	5									
SNC	Quantity Estimate										
MATERIAL LOCATIONS	Location	T/c Coridor									
	Floor #										
	Floor #										_

	SAMPLES	
Sample #	Sample Location	Lab Results
CO(2.08A	COR.08A South and men	
COR-08 B	COR-08 B Front of Room 187	
COR-08 C	COR-OB C NE Couridou	-
Ω		And the second s
Ш		
ш.		ACCUPATION OF THE PROPERTY OF
g		

Located in Main

1001300

Relinquished By:

High

Med

Low

Vibration:

Med (High

_ [0 [

Contact by Maintenance:

HAZARD ASSESSMENT

Yes

Friable:

Hig

Med

Low

Air Movement:

Date: 11/23/09

Received By:

Page S of



3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Project Name: Seattle VA

183810338 Project #:

Site Name: 207.000

206-000

Task #:

Seattle VA, Puget Sound

Seattle, WA 98108

Site Address: 1660 S Columbian Way

Date: 11/20/09

Inspector: Dur / DSM /AF

	MATERIAL
#WH	COR-09
Material Type:	Grapsser
Color:	sylv: k
Texture:	<i>t</i> /10
Description:	Walls
Total Qty.:	1/0

	L	3	<u> </u>	Ŝ			J≗			
	Cond.									
	ပိ	9								
MATERIAL LOCATIONS	Quantity Estimate							The state of the s		
	Location	O Corridor								
		1/0								
	Floor#				•					

SICES	Sample Location Lab	West Courdar	Main Corridor	m do r		TAKEN THE THE TAKEN THE TA						
SAMPLES	Sample # Samp	GOCOG A West	COROG B Main	COR DG C NE COMBOY	Ω	Ш	L	O	Notes:	4444		***************************************
AL LOCATIONS	Cond.			7								
	Quantity Estimate											
	uo	dor										

Relinquished By:
Relind

High

Low

Vibration:

High

Med

No.

Air Movement:

Med

No.

Contact by Maintenance:

2

Yes

Friable:

HAZARD ASSESSMENT

Date: 11/23/09

Received By:

Date:

Page 2



3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Project Name: Seattle VA

183810338 Project #:

200.000 207.000 Task #

Seattle VA, Puget Sound Site Name:

Inspector: OLM (DSM / A)C Date: "120/09

Site Address: 1660 S Columbian Way Seattle, WA 98108

	Lab Results	
SAMPLES	Sample Location	West Counder
	3 1:	۷
	Sample #	RIO A

Main Coordan

Compos

し2

MATERIAL	C6R-10	Joint Carpoined	stirk.	NA	* 5/12m	
	#WH	Material Type:	Color.	Texture:	Description:	Total Qty.:

			ž	Ι.	1	3	i	1		,	3	i		1
	Sample #	CORIO A	CORIO B	5 (1700)	Δ	Ш	L	O	Notes:	*Celling		And Additional Control of the Contro		derryddorna
	Cond.	9											-	
SNC	Quantity Estimate													
MATERIAL LOCATIONS	Location	T/o Corridor												
	Floor#													
									***************************************	····		···		

Corrigor	
west	
3)	
*Ceiling	`

Relinquished By: 📐

HgH

(Med)

No

Air Movement:

High

(Med)

MO.

Contact by Maintenance:

(E)

Yes

Friable:

HAZARD ASSESSMENT

High

Med

Low

Vibration:

Received By:



3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Sound

Way

Inspector: DLM / DSM / Date: 11/20/09

Project #: 183810338

Project Name: Seattle VA

SAMPLES	Sample Location	CORIIA West Covider	Midole	CORIIC ENTRY to West	
	Sample #	CORILA	CORN B	COR 11 C	
	Cond.	Q			
SNC	Quantity Estimate	9/1		-	
MATERIAL LOCATIONS	Location	.115 Luest Consolux			

Boundards

とたった

Color:

5/2

Texture;

13

Description: |

Gympsom

Material Type:

11-20) #WH

MATERIAL

Results

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	2	D)			Ž			
						 -	 		
Cond.	Ġ				:				
Estimate	7/0								
Location	Walls West								
Floor #	<u></u>			-					

Notes:	Faunds in West corridor	か い		

Relinquished By:

Ηġ

Seg.

Low

Vibration:

Ei Ei

Med

NO.

Contact by Maintenance:

2

Yes

Friable:

HAZARD ASSESSMENT

1/0

Total Qty.:

High

Med

(moy

Air Movement:

Received By:

Date:

Page 11 of [7]



3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Project Name: Seattle VA

183810338 Project #:

207.990 Task #:

Seattle VA, Puget Sound Site Name:

Site Address: 1660 S Columbian Way

Date: 11/20/09

Inspector: Qum/ DSM/ AP

Seattle, WA 98108

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	PLES	
	SAM	Ì
	U ,	
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	MATERIAL		MAT
HM#	HM# COR-12	Floor#	
Material Type:	Material Textor & Type:		Vest
Color:	3	,	
Texture:	Smooth		
Description:	ASS, W/ COR 11	444	
TOTAL PROPERTY OF THE PROPERTY			
Total Oty.:	300 SF		

		0	Ü	ŭ			Ĭž			-	
	,		_				_	•	·		1
	Cond.	B									
SNC	Quantity Estimate	300SF				And the state of t					
MATERIAL LOCATIONS	Location	West Consdop									
	Floor#			į							

HAZARD ASSESSMENT	ASSE	SSME	불
Friable:	(EV)		No No
Contact by Maintenance:	Low	Med	P
Vibration:	Low	Meg	High
Air Movement:	Low	Med	High

Date: 11/23/09

Relinquished By:

Received By:

Date:

Page 12. of 17



3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Project #: 183810338 Seattle VA Project Name:

206.000 207-000 Task #:

Seattle VA, Puget Sound Site Name:

Site Address: 1660 S Columbian Way

Seattle, WA 98108

Date: 11/26 /69

Inspector, OLM DS L AF

Results

Sample Location

Sample #

SAMPLES

Adjacent to Exit

CORIS B

Haly Corndor Dorth Correl

4

(06.13

CORIS C Adjacent to Blog !

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LL.

	9					
MATERIAL	(08-13	VFT	Color: Beigg Mottled	Smooth	12,212	4500h
	#WH	Material Type:	Color:	Texture;	Description:	Total Qty.:

	MATERIAL		MATERIAL LOCATIONS	SNC
#₩	COR-13	Floor#	Location	Qua Estir
ria	rial VF7		Adjacent to Blog 1	40
pe:	•		Corndo	
lor:	Beigg Mottled		AND THE RESERVE AND THE PROPERTY OF THE PROPER	
E.				
	= 0.50			
<u>.</u>				
<u></u>	400 SF			

Cond.	(b							
Quantity Estimate	as ooh							
Location	Adjacent to Blog 1	Corndol			-			
Floor#								

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Notes:

		(a)	łigh	(<u>a</u>)
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(Z) HAZARD ASSESSMENT Med Med Med Yes (M) LOW Ş O Contact by Maintenance: Friable; Air Movement: Vibration:

Date: 11/23/09

Relinquished By:

Received By:

Date:

Page 13 of 17



3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Asbestos Bulk Sample Log

-207.000 Task #: 183810338 Project Name: Seattle VA Project #:

Site Name: Site Address: 206,000

Seattle VA, Puget Sound

Inspector: Och | Osh | Af-Date: 11/20/07

> 1660 S Columbian Way Seattle, WA 98108

Cond.

Quantity Estimate

Location

Floor#

COR-14

#WI

MATERIAL

Grapson

Material

Board

MATERIAL LOCATIONS

9

300

West Counder

Cettrack

みれる

Color:

として

Texture:

Description: Celling

300

Total Qty.:

Lab	Sample # Sample Location Coll 14.4 West enty to 24 Coll 14 B West Corredor Coll 4 Coll 6 C	Sample # Samp CoR 14-A West e CoR 14 B West CoR 14 C Extract
		_O
		L
		L
		Ω
	entruce to west	CORINC
	West Courder	COR 14 B
	West every to 24	(OR 14.A
Lab Results	Sample Location	Sample #
	SAMPLES	

Notes:

5	(N)	(High	High	(High)
SME		Med	A STATE OF THE STA	Med
ASSES	Yes	Low	(Low)	(Cod)
HAZARD ASSESSMENT	Friable:	Contact by Maintenance:	Vibration:	Air Movement:

Ę	(N)	(Hig)	High	(figh)
SME		Med	A CONTRACT	Med
ASSES	Yes	Low	(Low)	(CO)
HAZARD ASSESSMENT	Friable:	Contact by Maintenance:	Vibration:	Air Movement:

E	2	P	High	(Fig.)

Date: 11/23/09

Relinquished By:

Received By:

Page 14 of 17



3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Date: 11/20 109

Seattle VA, Puget Sound

Inspector: DUM / DSM / BE

Project #: 183810338

Seattle VA

Project Name:

206.000 207.000 Task #.

Site Address: 1660 S Columbian Way

Site Name:

Seattle, WA 98108

SAMPLES	Sample Location	West Corridor
	Sample #	COR-15 A

Ω

COR-15

COR-15C

Ш

Щ

G

Lab Results

	MATERIAL
#WH	COR-15
Material Type:	Joint compand
Color:	White
Texture:	N/A
Description:	Ass. wl #M#14
Total Qty.:	300

	Cond.	Ğ						
SNC	Quantity Estimate	300						
MATERIAL LOCATIONS	Location	West Corridor						
	Floor#							

Notes:	O Ceiling	Corrigos		

٤

Relinquished By:

(High

Med

Low

Air Movement:

High

Med

Low

Vibration:

(E)

Med

Low

Contact by Maintenance:

(<u>§</u>

Yes

Friable:

HAZARD ASSESSMENT

Date: 11/23/09

Received By:

Date:

Page 15 of 17



3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Asbestos Bulk Sample Log

Site Name: 207.000 Task #: Project #: 183810338 Project Name: Seattle VA

Seattle VA, Puget Sound

Site Address: 1660 S Columbian Way

Date: 11/20/09

Inspector: OLM DSM/AF

Seattle, WA 98108

MATERIAL LOCATIONS

COVE DASE

Material

gwe

Vellow

Color:

<u>4</u>2

Texture:

COR-16

#<u></u>

MATERIAL

	Lab Results			·			ANALYSIA SINA	
SAMPLES	Sample Location	West Gombo			•			
	Sample #	CORIGA A	CORILL B	20/200	O	Ш	Ц.	ව

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150

Total Qty.:

Description:

HAZARD ASSESSMENT	ASSES	SME	Ļ
Friable:	sək		(oN
Contact by Maintenance:	(LOW)	Med	High
Vibration:	(MOT)	Med	High
Air Movement:	(rom)	Med	High

þ	(2)	High	High	High
SME		Med	Med	Med
ASSES	Yes	(Low)	(Low	(Low
HAZARD ASSESSMENT	Friable:	Contact by Maintenance:	Vibration:	Air Movement:

	<u> </u>	 	<u></u>					
				1				
Cond.	J							
Quantity Estimate	150SF							
Location	West Corridor							
Floor#								

Notes:

Relinquished By:

Received By:

Date:

Page 16 of 17



3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Project Name: Seattle VA

Project #: 183810338

Site Name: Seattle VA, Puget Sound

Date: 11/20/09

Inspector: Den/Den /AF

26.00 207,000 Task #:

Site Address: 1660 S Columbian Way Seattle, WA 98108

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Cond.

Quantity Estimate

Location

Floor #

ウ) - とのひ | #MH

MATERIAL

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Material Type:

MATERIAL LOCATIONS

200

West Courdor

Sosta of Peters

Get Botal

Color:

Smooth

Texture:

12 × 12"

Description:

200

Total Qty.:

2

Lab Resul	\O\					
Sample Location	West Corrod		ð			
Sample #	CORIJ A	COCIT B	CORIT C	Q	·	Ш
	Sample Location R	Sample Location R	Sample Location R	Sample Location R. West Corridor	Sample Location R	Sample Location R

G

Notes:

South of Retail Store

(E) Ξġ High 2 Med Med Med Yes Low Low Air Movement: Contact by Maintenance: Vibration: Friable;

HAZARD ASSESSMENT

Date: 11(23)09

Relinquished By:

Received By:

Page [7] of [7]





Chain of Custody

Asbestos Lab Services

EMSL Analytical, Inc. Suite 230 2235 Polvorosa Ave San Leandro,

CA 94577 Phone: (510) 895-3675 (888) 455-3675 Fax: (510) 895-3680 http://www.emsl.com

Please print all information legibly.

Company:	Stantec Consulting Corporation	Bill To:	Stantec Consulting Corporation
Address 1 :	3017 Kilgore Road, Suite 100	Address1:	3017 Kilgore Road, Suite 100
Address2:		Address2:	
City, State:	Rancho Cordova, CA	City, State:	Rancho Cordova, CA
Zip/Post Code:	95670	Zip/Post Code:	95670
Country:	USA	Country:	USA
Contact Name:	Danielle Manning	Attn:	Danielle Manning
Phone:	916-384-0706	Phone:	916-384-0706
Fax:	916-861-0430	Fax:	916-861-0430
Email:	danielle.manning@stantec.com	Email:	danielle.manning@stantec.com
EMSL Rep:	Andrea Norman	P.O. Number:	USE PROJECT #

	MATRIX		Billion	TURN	AROUND	
☐ Air	☐ Soil	Micro-Vac	☐ 3 Hours	6 Hours		24 Hours (1 day)
⊠ Bulk	Drinking Water		48 Hours (2 days)	72 Hours (3 days)	96 Hours (4 days)	120 Hours (5 days)
□ Wipe	☐ Wastewater		☐ 144+ hour	s (6-10 days)	1	

TEM AIR, 3 hours, 6 hours, Please call ahead to schedule. There is a premium charge for 3-hour tat, please call 1-800-220-3675 for price prior to sending samples. You will be asked to sign an authorization form for this service.

PCM - Air	TEM Air	TEM WATE	ER	
NIOSH 7400(A) Issue 2: August 1994	AHERA 40 CFR, Part 763 Subpart F	□ EPA 100	.1	
□ OSHA w/TWA	□ NIOSH 7402	☐ EPA 100	.2	
Other:	□ EPA Level II	□ NYS 198	.2	
PLM - Bulk	TEM BULK	TEM Micro	vac/Wipe	
EPA 600/R-93/116	Drop Mount (Qualitative)	☐ ASTM D	5755-95 (quantative method)	
EPA Point Count	Chatfield SOP - 1988-02	☐ Wipe Qualitative		
NY Stratified Point Count	TEM NOB (Gravimetric) NYS 198.4	ļ.		
PLM NOB (Gravimetric) NYS 198.	1 ☐ EMSL Standard Addition:	XRD		
□ NIOSH 9002:		☐ Asbestos		
EMSL Standard Addition:	PLM Soil	☐ Silica NIC	OSH 7500	
SEM Air or Bulk	EPA Protocol Qualitative			
☐ Qualitative	EPA Protocol Quantitative	OTHER	Received at EMSL Analytical,	
☐ Quantitative	EMSL MSD 9000 Method fibers/gram		San Leandro, CA (880 455-3	
			By Alancux	
			Date 1000 TOCAT	



3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

183810338 Project Name: Seattle VA Project #:

206.000 207-000 Task #:

Floor #

HM# NHCU- 01

MATERIAL

Material FIRE PROOFING Type:

Seattle VA, Puget Sound Site Name:

Site Address: 1660 S Columbian Way

Date: 11/19/09

Inspector: AF/Du (DSM)

Seattle, WA 98108

Š	Š	BASC WASC	BASGN	BASE				100
	Sample #	NHCU-01A BASE	NHCU-01B BASON	NHCM-01 C BASEN	a	Ш	L.	9
	Cond.	9						
SNO	Quantity Estimate							
MATERIAL LOCATIONS	Location	TO BASEMENT F	10Pl					

ON STRUCTURAL BOTH

Total Oty.:

SPEAY- APPLIENS

Parlo H

Texture:

のれ石

Color:

Description: FIREPROFINE

	SAMPLES	
Sample #	Sample Location	Lab Results
NHCH-01A	NHCU-01A BASEMENT, WEST CONTER	
NHCU-01B	BASAMENT, SOUTH	·
NACH-OIC	NHCH-OIC BASEMENT, NE SIDE	region of the control
Δ		
Ш		75000
LL.		
<u>ග</u>		77000

Notes:

Relinquished By:

Hg. Eig. High 2 N Med Med Med Yes (§ Low Low Contact by Maintenance: Air Movement: Friable: Vibration:

HAZARD ASSESSMENT

Date: ////9/09

Received By:



3017 Kilgore Russa, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Seattle VA, Puget Sound Site Name:

Site Address:

Date: 11/19/09 Inspector: ΑΡ/ΔLΗ /05Λ

Lab Results

Floor #

HM# | WHCH-02

Material 67 PSum Type: Ported

Texture: SMOOTH

Description: WKLS

Total Qty.:

Color: BHR

MATERIAL

206.000 207.000

Task #:

183810338 Seattle VA

Project #:

Project Name:

1660 S Columbian Way

Seattle, WA 98108

SAMPLES	Sample Location	ARCH-OSA BASCANGUET, N.	MHCU BREMENS.	NYCH C BASCARON, K. COLUM	NHC4-02 D FLOOR 1, ROOM 116	NHCW-OZE Floor 1, RacmIdy	100	The second section is a second section of the second section of the second section is a second section of the second section of the second section is a second section of the second section of the second section is a second section of the s
	Sample #	MEG-02A	NHCA -02B	NITCA CO C	NHCM-02 D	NHCW-02 E	1	9
	nd.							
	Cond.	9	`					
SNC	Quantity Estimate							44mmmmmmm 47/2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.
MATERIAL LOCATIONS	Location	T/O BASCHENT +	Frage 1					

HAZARD ASSESSMENT

Notes: ANALYZE GYRUM ZUARD UNLY

High	Med	Low	Air Movement:
High	Med	mo-J	Vibration:
(Fig.)	Med	Low	Contact by Maintenance:
(o _N		Yes	Friable:

16 Manuy Date: 11/19/09

Relinquished By: Haller

Received By:



Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430 3017 Kilgore Roau, Suite 100

> Seattle VA Project Name:

183810338 Project #:

Site Name:

Seattle VA, Puget Sound 1660 S Columbian Way Site Address:

Seattle, WA 98108

206.000 207.000

Task #:

Date: 11/19/09

Inspector: RF /0Lm /05~

MATERIAL	HM# MHCu-03	Material SOINT Type: ComPounD	Color: 8 H P			
	ЖH	Materia Type	Color	Texture:	Description:	Total Qtv.

		MATERIAL LOCATIONS	SNC	
	Floor #	Location	Quantity Estimate	Cond
		TO BABGUENT +		9
		Froof 1		,
			A A A A A A A A A A A A A A A A A A A	
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			THE REAL PROPERTY AND ADDRESS OF THE PERSON	
5				-
2				A STATE OF THE PARTY OF THE PAR
High				
High				
High				

HAZARD ASSESSMENT

	Lab Results	٠,		2	100						
SAMPLES	Sample Location	BASEMENT, N.	<i>'</i>	BASEMENTS N. COLUMN	STESSAGET FLOOR!	NHC4-03 E Floor 1, 200m 124					
	Sample #	NHCW-03A	NHCU-03B		MHC4-03 D	NHC4-03 E	L	9	Notes:	MILES TO SERVICE STATE OF THE	

Relinquished By:

(paled)

Ľ K

Vibration:

Med

Fo

Contact by Maintenance:

Yes

Friable:

Med

Low

Air Movement:

Received By:



3017 Kilgore Roau, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Asbestos Bulk Sample Log

206.000 -207.000 Task #: 183810338 Seattle VA Project Name: Project #:

Seattle VA, Puget Sound Site Name:

1660 S Columbian Way Site Address:

Date: ///9/09

Inspector: MF/Dun/1387

Seattle, WA 98108

Cond.

Quantity Estimate

Location

Floor #

THINH NACU- 5

MATERIAL

MATERIAL LOCATIONS

9

TO BARGINENT +

DUCT INSULATION

1300

Material Type:

る土石

Color:

42

Texture:

いまれ

Total Qty.:

Description: RA NTED

FLOOR

Lab Results WHEWOOD B BASEMENT, N.S.OB NHCHOY C BASEMEN, S. S. OF Sample Location NHCU-OHA BASENGAN, NE SAMPLES Ш LL Sample #

Notes: Ox Duct (25844.4770~ 15

G

FIBERGLASS

High High Tigh 13 HAZARD ASSESSMENT Med Med Yes (A) (§) Contact by Maintenance: Friable: Vibration:

High Med LOW LOW Air Movement: ((19/0) Date: 11/19/0]

Relinquished By: <

Received By:



3017 Kilgore Roc., Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Task #: 183810338 Project Name: Seattle VA Project #:

Site Address: 206.000 207.000

Seattle VA, Puget Sound Site Name:

1660 S Columbian Way

Date: ///1/09

Inspector: 9F/0LM /0SM

Seattle, WA 98108

Quantity Estimate

Location

Floor #

NHCU-OS

##

MATERIAL

CELLISE Acousne

Material Type:

Color: WHTE

T/U FLOOR

MATERIAL LOCATIONS

		SAMPLES	
Cond.	Sample #	Sample Location	Lab Results
6	NHCU-OA	411 MOOD 1 1 DOODS 116	
`	NHCH-05B	NHCY-05B Floor 1, Zoom 124	
	AHICH - OS C	AHCU-05 C FLOOR 1, ROOM 39	
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Texture: SMu o7H
2x2'
Description: Do7S+ASMe&

Total Qty.:

Notes:

Š	(ell)		E P
	Med	Med	Med
Yes	row	Low	MO-]
Friable:	Contact by Maintenance:	Vibration:	Air Movement:

Marun Date: 11/19/09

Relinquished By: I flux ULL

Received By:



3017 Kilgore Roau, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Project Name: Seattle VA

200.000 Task #:

183810338

Project #:

Seattle VA, Puget Sound Site Name:

1660 S Columbian Way Site Address:

Seattle, WA 98108

Cond.

Quantity Estimate

Location

110 FLOOP!

MATERIAL LOCATIONS

Date: 11/19/09

Inspector: AF (0LM / 0JM)

	MATERIAL		
#MH	HM# NHCU-OG		Floor #
Material Type:	COVE BASE ADMESIVE		
Color:	Color: Rown	J	
Texture:	5		
Description:	A A		
Total Qty.:		<u> </u>	

י מום		

HAZARD ASSESSMENT

(Z)	High	High	High
<u>\</u>	Med	Med	Med
Yes	(LOW)	T _O M _O	(<u>3</u>)
Friable:	Contact by Maintenance:	Vibration:	Air Movement:

Received By:

Results NHCU-o6 B Floor 1, Zoor 124 NACU-06 C FLOORI, RUDINISA MHCU-DGA FLOOP 1, ROOM 114 Sample Location SAMPLES Δ Ш щ G Sample #

Notes:

Relinquished By: 1 Marill

Page O of 9



3017 Kilgore Rowa, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Project Name: Seattle VA

183810338 Project #:

Task #:

Site Address: 200.000 207-990

Seattle VA, Puget Sound Site Name:

1660 S Columbian Way

Seattle, WA 98108

Date: 11/19/09

Inspector: AF (DLM /05M)

	MATERIAL	
#WH	NHC4-07	Flo
Material Type:		
Color:	Color. HELLOE, MOTIVED	
Texture:	₹ ₹	
Description:	,212,21	
Total Qty.:	47.	

2	MATERIAL	<u></u>			MATERIAL LOCATIONS	SNC	
#WH	L0-hJHN	77		Floor#	Location	Quantity Estimate	Cond.
Material	Ž Ž				7 (0 Frence 1		9
Type:							•
Color:	PRELICE, MONTLESS	2 PATILE	S				
Texture:	5 F						
e orintion.	~212,21	5 (
escribtion:							
Fotal Qty.:							
HAZARI	HAZARD ASSESSMENT	SSMEI	누				And the first of t
Friable:	e: Yes)	(B)				
Contact by Maintenance:	oy e: Low	Med	High				
Vibration:	n:	Med	High			AND MARKET AND	

9	Sample # NHCU-07 A NHCU-07 C NH CU-07 C F	Sample # Sample Location NHCU-07 A FLOOR I, POOMILE NHCU-07 C FLOOR I, ROOMI39 E F F	Lab Results
-	<u></u> 5		
)		

Notes:

Relinquished By

Med (High

NO

Air Movement:

Date: 11/19/09

Received By:



3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

207-000 Task #: 183810338 Project Name: Seattle VA

Project #:

Seattle VA, Puget Sound Site Name:

Date: 11/19/09

Inspector: AF / DLM /05M

1660 S Columbian Way

Site Address:

Seattle, WA 98108

Cond.

Quantity Estimate

Location

Floor #

NHCu-08

#<u>*</u>I

Material WASTIC Type:

MATERIAL

DOUT O

MATERIAL LOCATIONS

	SAMPLES	
Sample #	Sample Location	Lab Results
MHC4-08 A	MACU-08 A FLOOF 1, ROOM 116	
NHCU-08 B	NHCU-OBB Floce 1, Room 124	
NHEU-08 C	NHEU-OB C FLOOR 1, GOOM 139	-
D		
m		TANK MANAGEMENT OF THE PROPERTY OF THE PROPERT
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Notes:

 -		

HAZARD ASSESSMENT

WHAM # KHACK-OZ

Description:

Total Qty.:

(RSSCIMED)

<u>\\ \{\} \\ \} \\ \} \</u>

Texture;

Color: 3LACK

Friable;	Yes		
Contact by Maintenance:	NOT)	Med	High
Vibration	(S)	Med	High
Air Movement:	(<u>A</u>	Med	High

Received By:

Relinquished By Hauil



3017 Kilgore Rosus, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Project Name: Seattle VA

183810338 Project #:

Site Address: 1660 S Columbian Way Site Name: -297.000

200.000

Task #:

Seattle VA, Puget Sound

Date: 11/19/09

Seattle, WA 98108

Inspector: AF/0LM/05M

	MATERIAL	L	
#WH	NIHCU-CA	<u> </u>	芷
Material Type:	CARPET		
Color:	Color: YELLOW	<u> </u>	
Texture:	4/5	<u> </u>	
Description:	UNDER 1265 CARPET		
Total Qty.:	17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

	MATERIAL	긜				MATERIAL LOCATIONS	SNC
#WH	60-hJHJN	Œ			Floor #	Location	Quanti
	CARPET	⊢				LOUNDE IT MEN'S LUCLER PURN	
Туре:	CITE						
Color:	YELLOW	2	A CONTRACTOR OF THE CONTRACTOR	1			
Texture:	4/5			I.,	**************************************		
	UNDER 1261	1263					
escription:	CAPPA	١					
Total Qty.:							***************************************
HAZAR	HAZARD ASSESSMENT	SSMEI	LZ	L			
Friable:	le: Yes						
Contact by Maintenance:	by (Low)	Med	High				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Vibration:	in:	Med	High				
	(L			

			SAMPLES	
Cond.		Sample #	Sample Location	Lab Results
6		AHCU-09 A	FLOOK 1, MEN LOUNGE ROWN 139	
	· · · · · · · · · · · · · · · · · · ·	m		VI FAMOLO III
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		LL.		TANKER TO THE PERSON OF THE PE
		9		
		Notes:		

Manny	
By Handle)
Relinquished	

Med High

Air Movement:

Received By:



Chain of Custody

Lead Lab Services

EMSL Analytical, Inc. 3 Cooper Street Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-3899 http://www.emsl.com

Please print all information legibly.

Company:	Stantec Consulting Corporation	Bill To:	Stantec Consulting Corporation
Address1:	3017 Kilgore Road, Suite 100	Address1:	3017 Kilgore Road, Suite 100
Address2:		Address2:	
City, State:	Rancho Cordova, CA	City, State:	Rancho Cordova, CA
Zip/Post Code:	95677	Zip/Post Code:	95677
Country:	USA	Country:	USA
Contact Name:	Danielle Manning	Attn:	Danielle Manning
Phone:	916-861-0400	Phone:	916-861-0400
Fax:	916-861-0430	Fax:	916-861-0430
Email:	danielle.manning@stantec.com	Email:	danielle.manning@stantec.com
EMSL Rep:	Andrea Norman	P.O. Number:	Use Project #
Project Name/Num	nber: 183810338.206.000		•

MATRIX	METHOD	INSTRUMENT	RL (Reporting Limit)	TAT
Lead Chips*	SW846-7420, 3050B Mod./AOAC(974.02)	Flame Atomic Absorption	0.01% ++	5 day
Lead WasteWater	SW846-7420	Flame Atomic Absorption	0.4 mg/l water 40 mg/kg (ppm) soil	
Lead Soil +	or SW846-6010B	ICP	0.1 mg/l water 10 mg/kg (ppm) soil	
Lead in Air ***	NIOSH 7082 Mod.	Flame Atomic Absorption	4 ug/filter	
	or NIOSH 7300 Mod.	ICP	3.0 ug/filter	
Lead in Wipe [^] -ASTM List Wipe Type	SW846-7420 / HUD Appendix 14.2 Digest	Flame Atomic Absorption	10 ug/wipe	
-non ASTM	or SW846-6010B	ICP	3.0 ug/wipe	
TCLP Lead **	SW846-1311/7420	Flame Atomic Absorption	0.4 mg/l (ppm)	ŧ
	or SW846-6010B	ICP	0.1 mg/l (ppm)	0
STLC Lead (California) #	CA Title 22 66261.126/ SW846-7420	Flame Atomic Absorption	0.4 mg/l (ppm)	CALA #- 1
	or SW846-6010B	ICP	0.1 mg/l (ppm)	13.5
Lead in Air ****	NIOSH 7105 Mod.	Graphite Furnace Atomic Absorption		-
Lead WasteWater	SW846-7421	Graphite Furnace Atomic Absorption	0.003 mg/l (ppm) water	
Lead Soil +	1		0.03 mg/kg (ppm) soil	1.000
Lead in Drinking Water (check state Certification requirements)	EPA 239.2 / 200.9	Graphite Furnace Atomic Absorption		
Total Dust	NIOSH 0500-0600	Gravimetric Reduction	0.0001g	



Chain of Custody

Lead Lab Services

EMSL Analytical, Inc.

3 Cooper Street Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-3899 http://www.emsl.com

Please print all information legibly.

SAMPLE #	LOCATION	Air Volume, L Area, in ²	LAB#
	CER ATTACHEN		
	SEE ATTACHED CAMPLELIE	.<	
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	+		
			2 42
			Č.
			2.
delinquished By: (Person)	augh Hanny	Date: _	11/19/09
eived at EMSL by:	tros	Date:	11/2/0
eeived at EMSL by:	,	Date: _	

Note: Please duplicate this form and use additional sheets if necessary.

@ The individual signing and relinquishing these samples to the laboratory attests to the accuracy of the information reported on this chain of custody.

nyllegis

Stantec

Project Name: Seattle VA

Paint Chip Sample Log

3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

D. Mochrie Inspector:

Seattle VA, Puget Sound Site Address: 1660 S Columbian Way

Site Name:

Seattle, WA 98108 206.000 Task #: Project #: 183810338

Sample Number	Room	Component	Substrate	Sample Location*	Estimated Quantity	Notes/Condition/ Paint Color
8100-	Hd	Beam	Metal	Pent house, w. tower. Side	1/0	Red, Panel Support structure
-0018	Elev. Lobby	Wall	Gyp. Brd.	Elev. button @ 57	T/O Floor	intact (Dus. CSuple)
3 8106	56-123	wall	metal/ cryp. Brd.	NE corner 08 (200m) 5C-123	2/0	Light Blue intact
B100 -	5B-stair stair	Stair	metal	Bloor \$ 5	t/o west stairwell	Intact, Peach
8100-	JIS1-81	+ile	٨A	Storage Room	1500 SF	Cevannic tile interct
300 J	951-81	العما	metal/Gyp.	NE corner near Sink		Porple, inted
			8			
NHCU-	Room 16 Wall	Wall	Gyp. Board	Board west-wall soiled linen	1/6	tan, intact

Include sample dimensions if trying to achieve mg/cm².

Relinquished By: 1/2 Relinquished By:

Date: Date:

Received By: Received By:

Date: Date:

Page /

200111910

Stantec

Paint Chip Sample Log

3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Site Name: Seattle VA, Puget Sound

Date: (1/20/07

Project #: 183810338

Project Name: Seattle VA

206.000

Task #:

Site Address: 1660 S Columbian Way Seattle, WA 98108

Inspector: DSM

	Sample	Room	Component	Substrate	Sample Location*	Estimated Quantity	Notes/Condition/ Paint Color	
5	g 820-01 Retail	Retail	Wall	Gyp. Brd.	South wall Rm 106	2000 SF	Light Pink Intact (Damage 100)	
. 4	1320-02	1320-02 Storage	Wa 11	Gyp. Brd.	N wall Room 110	500 SF	Light Pink intact	
2	1320-03	120-03 N. Storney	Wall	ayp. Brd.	E. wall in the west Room	500 SF	Belse, Fair in W. em only	
	10						2 2 2	
1	B18-01 Conf.	Conf.	Wall	Gyp. Brd.	Rm III South wall	1/0	tan, Intact	
5	20-818 13	-	Wall	ceramic	Run 121	In 2/R	Blue tile	
7)	818-03	ļ.,	Wall	Gyp. Brd.	Run 114 nacor Run 114 A	4/0	Tan , Intact (Bunase @ Suple)	
7	R18-04	Tair	Rail	metal	SW stair well	200 SF	Kellow intact	
Z	824-61	B24-61 Corridor	Wa11	Gyp board	South and of main corridor	1/0	Ton intact (Barris (Saple)	
1000	* - Include sa	mple dimensions if	* - Include sample dimensions if trying to achieve mg/cm².	ng/cm².	Received Rv.		Date:	
	Kelludais	Keilnquisned by.	2 cm	Daic.	Necessary by:		11/20/25	

Page X of X

Date: 1/10/17

Received By: Received By:

Date:

Relinquished By: Relinquished By:

Stantec

Paint Chip Sample Log

3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 Tel: (916) 861-0400 Fax: (916) 861-0430

Date: WWW 11/20

Inspector: Seattle VA, Puget Sound Site Address: 1660 S Columbian Way Seattle, WA 98108 Site Name: 206.000 Task #: 183810338 Project Name: Seattle VA Project #:

Sample	Room	Component	Substrate	Sample Location*	Estimated Quantity	Notes/Condition/ Paint Color
824-0 ₂	#50	window	Gyp Brd.	East Window	1/6	Ton Intact
			4.			
10-228	1322-01 Storage	Beam	Medal	West wall of storage	200 SF	Light gray
20-229	Kitchen	Wall	oved	North wall of Kitchen 1000 SE	1000 SE	Light ton, Generally intact
					10	
CoR-01	Eorridor	Wal)	Gryp Board	N/S costidor to Eact of Bldg 20	1000 SF	off white, Intact
COR-02	cor-02 Corridor	Mall	Gyp Boord	E/w corridor to south of Blog 20	15 0001	ds ton, Intact
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* - Include sample dimensions if trying to achieve mg/cm2.

Relinquished By:

Relinquished By:

Date: Date:

Received By: Received By:

Date: Date: